



**USAID**  
FROM THE AMERICAN PEOPLE

**Contract No.: AID-294-I-00-12-00002**

**Task Order No: AID-294-TO-15-00009**

**Construction of Reservoirs and Pumping Facilities Package II  
MONTHLY PROGRESS REPORT**



**Prepared by: The Morganti Group, Inc.  
March, 2016**



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## **Construction Monthly Progress Report**

**Reporting Period: March 1, 2016 – March 31, 2016**

**Contractor: The Morganti Group, Inc.**

### **DISCLAIMER**

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## MONTHLY PROGRESS REPORT NO. 05

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## 1. Abbreviation

CD	Calendar Day
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CMWU	Coastal Municipalities Water Utility
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
COR	Contracting Officer Representative
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
GRAMMS	Gaza Reconstruction and Material Monitoring System
HR	High Risk
HSE	Health and Safety Engineer
IQC	Indefinite Quantities Contract
LR	Low Risk
M	Moderate Risk
MH	Medium-High Risk
ML	Medium-Low Risk
MRR	Material Receiving Report
NCN	Non Compliance Notice
NUC	Notice of Unsafe Conditions
O&M	Operation and Maintenance
OSHA	The Occupational Safety and Health Administration
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request for Information
RFTOP	Request for Task Order Proposal
SAK	Saqqa and Khoudary
SC	Sub-Contractor
SECO	Safety & Environmental Compliance Officer
SOP	Standard Operating Procedure
TMGI	The Morganti group Inc.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
USAID	United States Agency for International Development
USG	United States Government
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza

## 2. Task Order Overview

### 2.1 Description of the Task Order

Infrastructure in Gaza suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, schools, and water & wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinians access to basic infrastructure and services.

The objective of this Task Order is to construct two new water reservoirs, two new booster pump stations, and their associated supply and distribution pipelines, in order to improve distribution and increase access to clean drinking water to the population of Gaza.

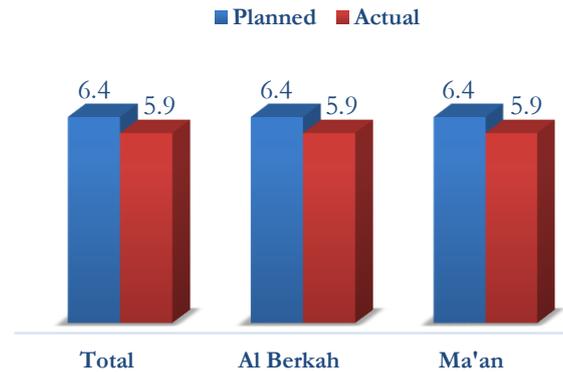
The first area is Al Berkah, located in the Middle Area in Gaza Strip, the Al Berkah project includes the construction of a 3800m<sup>3</sup> ground reservoir and a new Booster Pump Station connected to a new UPVC distribution network with an approximate total length of 2.6 KLM varying in diameter. The second is Ma'an area located south of the Gaza Strip in Khan Younis, the project at Ma'an area includes the construction of a 3800m<sup>3</sup> ground reservoir, and a new Booster Pump Station connected to a new UPVC distribution network varying in diameter.



## 2.2 Projects General Information

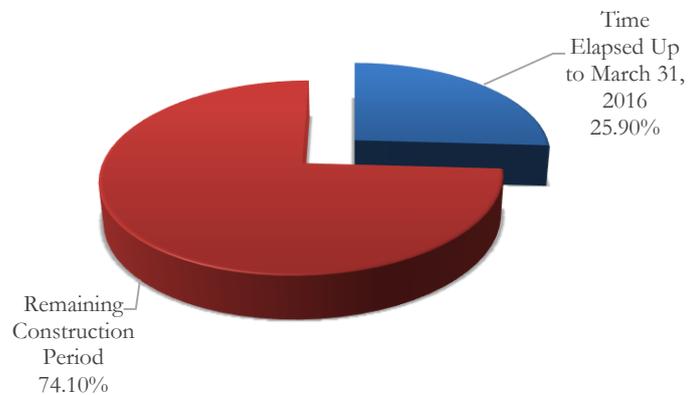
<b>Task Order Name:</b>	Gaza- Construction of Reservoirs and Pumping Facilities Package II
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00009
<b>Employer</b>	USAID
<b>Contractor</b>	The Morganti Group Inc.
<b>Engineer / CMC</b>	Black & Veach
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Task Order Completion Date</b>	June 26, 2017
<b>Contract Value</b>	\$ 7,391,946.47
<b>BOQ Line Item Amount</b>	\$ 6,941,946.47
<b>Day Work Amount</b>	\$ 450,000
<b>Modified Projects Total Value</b>	----
<b>Modified Day Work</b>	----
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Time Elapsed up to March 31, 2016</b>	158 Days
<b>Percentage of time elapsed</b>	25.90 %
<b>Contractual End Date:</b>	June 26, 2017

### Progress Chart (March 2016)



Planned and Actual Progress Percentages are based on the resubmitted CPM schedule on March 28, 2016

### Time Elapsed Up to March 31, 2016



## 2.3 Key Personal (shared among 2 projects)

NO.	Name	Position
1	Ahmed Sharief	Task Order Manager
2	Sameer Khaldi	Quality Control Manager
3	Mohamad Alwadih	Safety & Environmental Compliance Officer
4	Alaa Nakhalla	Project Control Engineer
5	Ghazi Buhaisi	Surveyor

### 3. Scope of Work:

#### 3.1 Project 01: Construction of Al Berkah Reservoir and Pumping Facilities:

##### 3.1.1 Project Description

The Gaza Reservoir and Pumping Facilities project provides bulk water storage, disinfection, blending, and pumping facilities and includes supply water line 1 UPVC 160 mm dia. and 0.807 km length, line 2 UPVC 280 mm dia. and 0.661 km, distribution line UPVC 400mm with 0.1 km length and 355 mm with length 1.28 km

##### 3.1.2 Statement of Work (SOW)

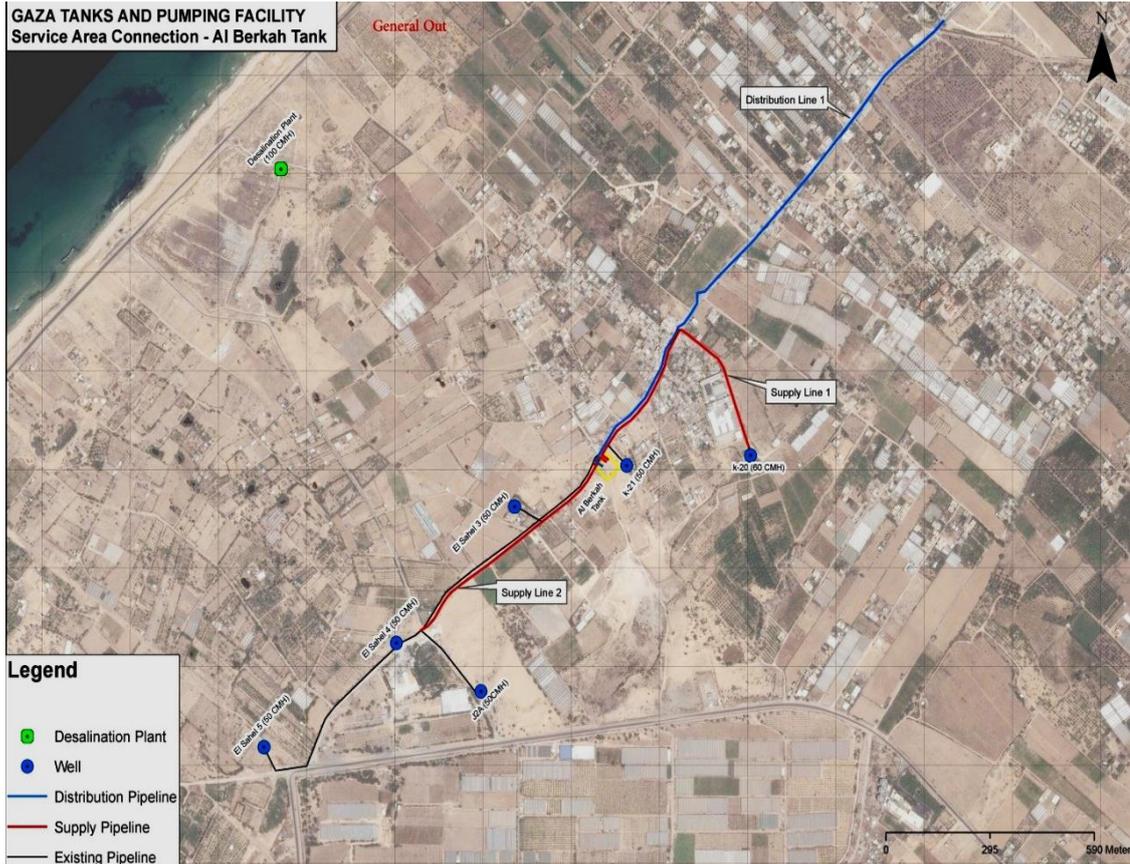
The project consists of the following constructions:

- 1) 3800 CM Reservoir
- 2) Disinfection Building w/ associated chemical feed system
- 3) Distribution Booster Pump Station
- 4) Small E&C Building w/ associated systems
- 5) Guard House w/ Grinder Pump Package Lift Station
- 6) Sanitary sewer, septic tank and seepage pit
- 7) Diesel Generator (Backup power)
- 8) Primary Power Supply & Transformer
- 9) Site Utilities, etc.

##### 3.1.3 Project General Information

<b>Project Location</b>	Middle Area – Al Berkah
<b>Project Value</b>	\$ 3,938,769.99
<b>Modified Project Value</b>	----
<b>Subcontractor</b>	Saqqa and Khoudary (SAK)
<b>Start of Construction</b>	March 29, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contractual End Date:</b>	June 26, 2017
<b>Modified Period of Performance</b>	----
<b>Modified End Date</b>	----
<b>Estimated Completion Date</b>	June 26, 2017
<b>Planned Percentage of Completion</b>	6.40%
<b>Actual Percentage of Completion</b>	5.90%

### 3.1.1 Project Key Map



### 3.1.2 Vantage Photo



### 3.2 Project 02: Construction of Ma’an Reservoir and Pumping Facilities:

#### 3.2.1 Project Description

The Gaza Reservoir and Pumping Facilities project provides bulk water storage, disinfection, blending, and pumping facilities and includes distribution line UPVC 280 mm with 0.106 km.

#### 3.2.2 Statement of Work (SOW)

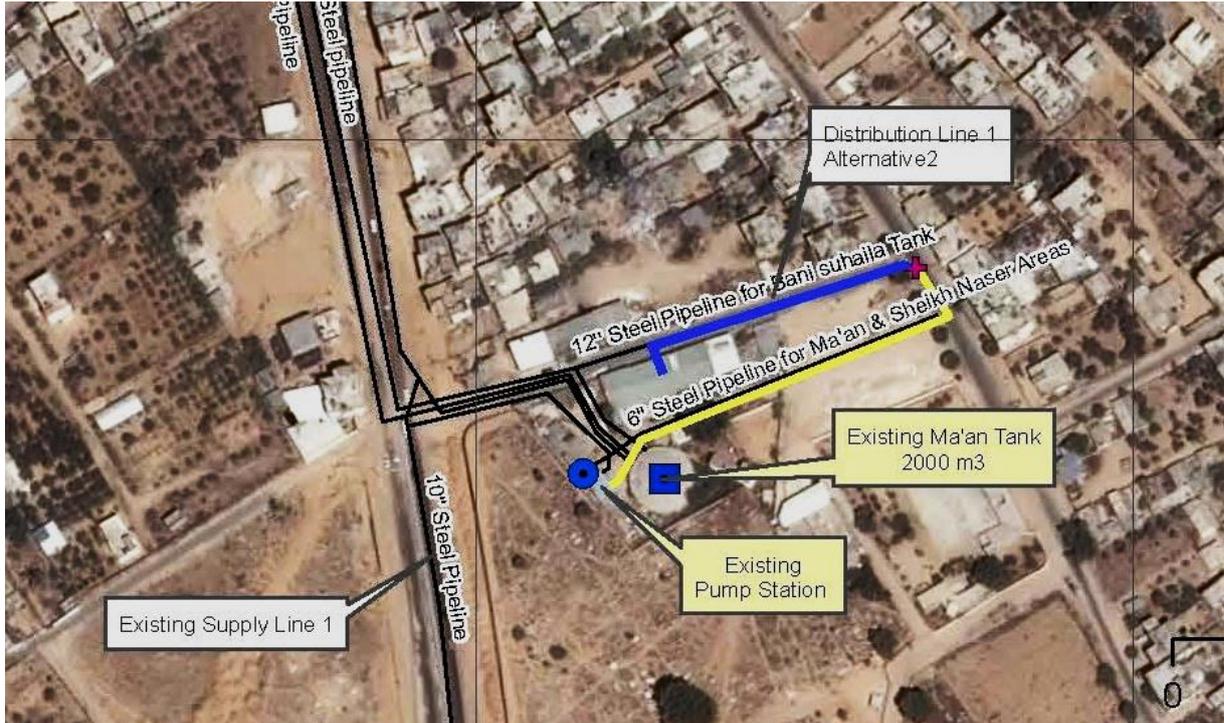
The project consists of the following constructions:

- 1) 3800 CM Reservoir
- 2) Disinfection Building w/ associated chemical feed system
- 3) Distribution Booster Pump Station
- 4) Small E&C Building w/ associated systems
- 5) Guard House
- 6) Sanitary sewer, septic tank and seepage pit
- 7) Diesel Generator (Backup power)
- 8) Primary Power Supply & Transformer
- 9) Site Utilities, etc.

#### 3.2.3 Project General Information

<b>Project Location</b>	Khan Yunis – Ma’an Area
<b>Project Value</b>	\$ 3,003,176.48
<b>Modified Project Value</b>	----
<b>Subcontractor</b>	Saqqa and Khoudary (SAK)
<b>Start of Construction</b>	March 26, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contractual End Date:</b>	June 26, 2017
<b>Modified Period of Performance</b>	----
<b>Modified End Date</b>	----
<b>Estimated Completion Date</b>	June 26, 2017
<b>Planned Percentage of Completion</b>	6.40%
<b>Actual Percentage of Completion</b>	5.90%

### 3.2.1 Project Key Map



### 3.2.2 Vantage Photo



## 4. Safety

Confined Space Safety Plan was prepared and submitted on February 22, 2016 and approved by CMC on March 1, 2016, while the Excavation & Trenching Safety Plan was submitted on February 24, 2016 and approved by CMC on March 3, 2016.

### 4.1 Safety Tool Box Meetings

#### 4.1.1 Project 01 - Al Berkah

Date	Tool Box Meeting No.	Location	Subject	Brief
March 12, 2016.	TBM-15-00009-C-E-008	Construction Site	Excavation	<ul style="list-style-type: none"> <li>• SECO gave briefing about Excavation.</li> <li>• The Tool Box Meeting conducted for worker, surveyor &amp; engineers and discussed excavation conditions and requirements.</li> <li>• All groups must adhere with Excavation &amp; Trenching Safety Plan during work in excavation</li> <li>• Shoring must be used, or the excavation must be sloped to prevent collapsing when the excavation depth is greater than 1.2 meters.</li> <li>• Ladders or stairs must be provided when excavations are more than 1.2 meters deep.</li> <li>• Excavations in SOLID rock are the only types exempt from shoring or sloping</li> </ul>
March 23, 2016.	TBM-15-00009-C-E-009	Construction Site	Hand Tools	<ul style="list-style-type: none"> <li>• The Tool Box Meeting conducted for worker, surveyor &amp; engineers and discussed using Hand Tools.</li> <li>• All groups must adhere with Safety Procedures during usage of Hand Tools.</li> <li>• It is important to maintain hand tools in good condition.</li> <li>• Special attention should be paid to wooden handles, splinters and cracks, burrs &amp; Hand Tools storage.</li> </ul>
March 31, 2016.	TBM-15-00009-C-E-012	Construction Site	PPE	<ul style="list-style-type: none"> <li>• The Tool Box Meeting conducted for labors and discussed PPE Subject</li> <li>• All groups must wear PPE.</li> <li>• The importance of PPE.</li> <li>• Required PPE for each activities</li> <li>• The responsibilities of the labors regarding PPE</li> </ul>

#### 4.1.2 Project 02 – Ma’an

Date	Tool Box Meeting No.	Location	Subject	Brief
March 24, 2016.	TBM-15-00009-C-E-010	Construction Site	Hand Tools	<ul style="list-style-type: none"> <li>• The Tool Box Meeting conducted for worker, surveyor &amp; engineers and discussed using Hand Tools.</li> <li>• All groups must adhere with Safety Procedures during usage of Hand Tools.</li> <li>• It is important to maintain hand tools in good condition.</li> <li>• Special attention should be paid to wooden handles, splinters and cracks, burrs &amp; Hand Tools storage.</li> </ul>
March 28, 2016.	TBM-15-00009-C-E-011	Construction Site	Excavation	<ul style="list-style-type: none"> <li>• SECO gave briefing about Excavation.</li> <li>• The Tool Box Meeting conducted for worker, surveyor &amp; engineers and discussed excavation conditions and requirements.</li> <li>• All groups must adhere with Excavation &amp; Trenching Safety Plan during work in excavation</li> <li>• Shoring must be used, or the excavation must be sloped to prevent collapsing when the excavation depth is greater than 1.2 meters.</li> <li>• Ladders or stairs must be provided when excavations are more than 1.2 meters deep.</li> <li>• Excavations in SOLID rock are the only types exempt from shoring or sloping</li> </ul>

#### 4.2 Accidents Status

##### 4.2.1 Project 01 - Al Berkah

No accidents were reported during this reporting period.

##### 4.2.2 Project 02 – Ma’an

No accidents were reported during this reporting period.

#### 4.3 Notice of Unsafe Conditions

##### 4.3.1 Project 01 - Al Berkah

No notices of unsafe conditions were reported during this reporting period

##### 4.3.2 Project 02 – Ma’an

No notices of unsafe conditions were reported during this reporting period

## 5. Environmental Compliance

### 5.1 Project 01 - Al Berkah

Implementing approved Environmental Monitoring & Mitigation Plan (EMMP) during work and adhere with environmental rules and procedures.

Environmental Monitoring & Mitigation Plan will be updated and amended when there are any new environment aspects.

### 5.2 Project 02 – Ma'an

Implementing approved Environmental Monitoring & Mitigation Plan (EMMP) during work and adhere with environmental rules and procedures.

Environmental Monitoring & Mitigation Plan will be updated and amended when there are any new environment aspects.

## 6. Traffic Control Measures

### 6.1 Project 01 - Al Berkah

Traffic Signs were installed under CMC supervision and as per the approved Traffic Control Plan.

### 6.2 Project 02 – Ma'an

Traffic Signs were installed under CMC supervision and as per the approved Traffic Control Plan.

## 7. Community Outreach

### 7.1 Project 01 - Al Berkah

TMGI explained to the residents the importance of maintaining the traffic signs that have been installed.

### 7.2 Project 02 – Ma'an

TMGI explained to the residents the importance of maintaining the traffic signs that have been installed.

## 8. Risk Management, Mitigation Measures

Since the procurement and resources are part of project risk concerns, the delay of GRAMMS approval for materials such as Plywood boards may jeopardize the work progress.

Accordingly, the delay on GRAMMS approval will raise the risk rate to higher level which could cause delay on project completion date.

Tough restrictions on travel permits between Gaza and West Bank is also a project risk concern.

For more details, please refer to Annex L.

## 9. Gender Plan

Morganti employed one female Office manager. The Subcontractor SAK also hired a female office engineer. Morganti provided sanitary facilities and facilitated the site for females

- No new employments during this month period.

## 10. Coordination and Meetings

Three meetings were held during March 2016:

Coordination Meeting				
Date	Attendees	Subject	Description	Location
March 01, 2016	USAID, Black & Veatch, IRD, Morganti and SAK.	Monthly Contracting Officer's Meeting #20	Discuss Works Progress	Grand Park Hotel, Ramallah
March 22, 2016	USAID, CMC/BV, TMGI and SAK	Bi-weekly Progress Meeting #004	Progress meeting to discuss safety, quality, and progress of the works	Black and Veatch, Main Office, Ramallah
March 24, 2016	USAID, Adam and TMGI	GRAMMS	GRAMMS Discussion	Tel Aviv

Several internal meetings were held by Morganti in the main office for safety orientation and for the progress of construction and preparation works.

## 11. Site Visitors

The following table shows the site visitors during this reporting period:

Date	Time	Representative	Representing	Remarks
<b>Project 01: Al Berkah</b>				
March 2, 2016	09:00 AM	Eng. Hassan Barrak	CMWU	Walkthrough
	09:00 AM	Eng. Najwan Al Taweel	CMWU	Walkthrough
March 9, 2016	09:00 AM	Eng. Hassan Barrak	CMWU	Walkthrough
<b>Project 02: Ma'an</b>				
No Visitors During This Reporting Period				

## 12. Progress and Scheduling

The Construction phase started on March 29, 2016 at Al Berkah Project and on March 26, 2016 at Ma'an Project, whereas the mobilization activities were completed in January 23, 2016.

Preconstruction submittals were submitted and approved except the original CPM which was re-submitted on March 28, 2016 for approval, furthermore, Materials and Shop drawings submittals are ongoing. For more details, please refer to Annex C

### 13. Activities During This Reporting Period

#### 13.1 Project 01 - Al Berkah

- a. Continue preparing and submitting the construction submittals
- b. Walkthrough to determine the exact location of water supply line 2 from Sta. 1+000 to Sta. 1+661, distribution line from Sta. 1+000 to Sta. 2+128 and supply line 1.
- c. Continue test pits to investigate the existing utilities in order to determine the accurate alignment and depth to avoid any conflict with the proposed water pipelines.
- d. Fixing temporary traffic signs.
- e. Clear and grub the site.
- f. Survey works for Retaining Wall for segment (8 – 9).
- g. Start and finish excavation works for retaining wall formation segment (8 - 9).
- h. Trial Mix for concrete 30MPa Cylinder.

#### 13.2 Project 02 - Ma'an

- a. Continue preparing and submitting the construction submittals.
- b. Delivery of materials resulting from demolishing to CMWU (steel trusses, tiles and other).
- c. Continue test pits to investigate the existing utilities under reservoir in order to determine the accurate alignment and depth.
- d. Fixing temporary traffic signs.
- e. Start excavation for reservoir foundation.
- f. Taking soil samples from the reservoir's formation level for testing.
- g. Trial Mix for concrete 30MPa Cylinder.

### 14. Planned Activities for Next Month

#### 14.1 Project 01 - Al Berkah

The following are the main activities planned for next reporting period:

- a. Continue preparing and submitting the construction submittals.
- b. Excavation for east retaining wall foundation, leveling, compacting subgrade layer.
- c. Furnish and install base coarse and lean concrete for south and eastern retaining walls.
- d. Form/Steel rebar and cast in concrete for RW foundation and walls.

For more details, please refer to Annex B.

#### 14.2 Project 02 - Ma'an

The following are the main activities planned for next reporting period:

- a. Continue preparing and submitting the construction submittals.
- b. Continue excavation to the required depth under the reservoir according to laboratory recommendations (50 cm under the formation level).
- c. Lowering the existing water pipelines under the reservoir.
- d. Encasement and backfilling the lowered water pipelines.
- e. Soil replacement as per laboratory and CMC recommendations.
- f. Furnish and install drain pipes (Perforated, Outlet & Washout).
- g. Construction of lean concrete under reservoir.

For more details, please refer to Annex B.

## 15. Indicators

### 15.1 Water sector Task Order Indicator 1: Quantity of drinking water available as a result of USG Assistance

#### 15.1.1 Project 01 - Al Berkah:

	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
Target	100,394	51,201	51%	49,193	49%
Actual	0	0	0%	0	0%

#### 15.1.2 Project 02 - Ma'an:

	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
Target	50,409	25,709	51%	24,700	49%
Actual	0	0	0%	0	0%

### 15.2 Water Sector Task Order Indicator 2: Person Days of employment generated for this reporting period

#### 15.2.1 Project 01 - Al Berkah:

	Total number (Person Days)	Male	Female
		No.	No.
Target	16,350	15,582	768
Actual Previously	1,478	1,391	86
Actual during this reporting period	517	487	30
Total actual	1,994	1,878	116

#### 15.2.2 Project 02 - Ma'an:

	Total number (Person Days)	Male	Female
		No.	No.
Target	15,582	13,801	1,448
Actual Previously	1,322	1,236	86
Actual during this reporting period	430	400	30
Total actual	1,752	1,636	116

## 16. Working / Non – Working Days

During this reporting period, four non–working days occurred; all of them were official holidays (Fridays). The below table summarizes the working and non – working days occur during the reporting period.

### 16.1 Project 01 - Al Berkah:

Total Period of Performance (Original)	610
Total Excusable delays/approved extensions	0
Modified Period of Performance	---
Modified Completion Date	---
No. of Working Days during this reporting Period	27
Accumulated Working Days	131
Total No. of non-working days (Holidays and weekends) during this reporting Period	4
Accumulated non-working days (Holidays and weekends)	22
No. of other non-working days during this month (Rainy Weather)	0
Accumulated other non-working days	5

### 16.2 Project 02 - Ma'an:

Total Period of Performance (Original)	610
Total Excusable delays/approved extensions	0
Modified Period of Performance	---
Modified Completion Date	---
No. of Working Days during this reporting Period	27
Accumulated Working Days	131
Total No. of non-working days (Holidays and weekends) during this reporting Period	4
Accumulated non-working days (Holidays and weekends)	22
No. of other non-working days during this month (Rainy Weather)	0
Accumulated other non-working days	5

## 17. Material & equipment delivered to site

### 17.1 Project 01 – Al Berkah

HDPE Pipes and fittings were delivered to the site, for more details refer to Annex A

### 17.2 Project 02 – Ma'an

HDPE Pipes and fittings were delivered to the site, for more details refer to Annex A

## 18. Site Memos

### 18.1 Project 01 – Al Berkah

One Record of Joint Walkthrough site memo was issued during this reporting period

### 18.2 Project 02 – Ma'an

None issued during this reporting period.

## 19. Procurement

### 19.1 Project 01 – Al Berkah

List of some Civil, Mechanical, Electrical Material are prepared to be ordered.

### 19.2 Project 02 – Ma'an

List of some Civil, Mechanical, Electrical Material are prepared to be ordered.

## 20. Inspection requests:

### 20.1 Project 01- Al Berkah:

Five IRs were submitted to CMC.

– For more details please refer to Annex F

### 20.2 Project 02- Ma'an:

Four IRs were submitted to CMC.

– For more details please refer to Annex F

## 21. Quality Control

The Quality Control Plan (QCP) was returned back with status B (exceptions noted) on February 16, 2016. TMGI will resubmit it after taking into consideration the CMC comments.

## 22. Testing:

### 22.1 Project 01- Al Berkah:

Base Coarse sample was tested and Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Report was submitted for CMC Approval on March 20, 2016.

for more information, please refer to Annex H

### 22.2 Project 02- Ma'an:

Base Coarse sample was tested and Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Report was submitted for CMC Approval on March 20, 2016.

for more information, please refer to Annex

## 23. Submittals

### 23.1 Project 01- Al Berkah:

During this reporting period TMGI submitted 83 submittals and received 106 responses from CMC. Construction submittals will continue during the next reporting period. For more information, please refer to Annex G.

Submittals Summary		
No.	Status	Submittals
1	A (No Exceptions)	118
2	B (Exceptions Noted)	43
3	C (Returned for Correction)	123
4	D (Not Acceptable)	12
5	E (Record Copy)	17
6	Under Review	25
	<b>Total</b>	<b>338</b>

### 23.2 Project 02- Ma'an:

During this reporting period TMGI submitted 83 submittals and received 106 responses from CMC. Construction submittals will continue during the next reporting period. For more information, please refer to Annex G.

Submittals Summary		
No.	Status	Submittals
1	A (No Exceptions)	120
2	B (Exceptions Noted)	42
3	C (Returned for Correction)	124
4	D (Not Acceptable)	12
5	E (Record Copy)	17
6	Under Review	25
	<b>Total</b>	<b>340</b>

## 24. Request for Information

### 24.1 Project 01- Al Berkah:

Two requests for Information were submitted to CMC. TMGI received a response for one of them. For more information, please refer to Annex I.

### 24.2 Project 02- Ma'an:

Two requests for Information were submitted to CMC. TMGI received a response for one of them. For more information, please refer to Annex I.

## 25. Transmittals

### 25.1 Correspondence with USAID

Date.	Transmittal No.	Corresponding from /To	Subject
March 4, 2016	By Email	USAID/TMGI	TO-15-00009-GAZII (Donation Letter No. 01)
March 6, 2016	By Email	TMGI/USAID	TO-15-00008 & 9-GAZI - RFI (Manway)
March 7, 2016	By Email	TMGI/USAID	Gaza Partners Meeting
March 8, 2016	By Email	TMGI/USAID	GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 8, 2016	By Email	USAID/TMGI	GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 8, 2016	By Email	USAID/TMGI	Support Letter from PWA
March 9, 2016	By Email	TMGI/USAID	TO-15-00008 & 9-GAZI - RFI (Manway)
March 11, 2016	By Email	TMGI/USAID	TO-15-00009-GAZII (Donation Number Package No. 01)
March 15, 2016	By Email	TMGI/USAID	TO 15 00009 GAZII: Vetting Request: Mohamed Ibrahim Mohamed Shehab
March 15, 2016	By Email	USAID/TMGI	Re: TO 15 00009 GAZII: Vetting Request: Mohamed Ibrahim Mohamed Shehab
March 15, 2016	By Email	USAID/TMGI	Gaza Partners Meeting
March 15, 2016	By Email	TMGI/USAID	GRAMMS status for TO-15-00008 & 9-GAZI & II
March 15, 2016	By Email	TMGI/USAID	Gaza Partners Meeting
March 21, 2016	By Email	TMGI/USAID	GAZI & II - Permits for Gaza Residents
March 21, 2016	By Email	TMGI/USAID	GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 22, 2016	By Email	TMGI/USAID	GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 22, 2016	By Email	USAID/TMGI	Re: GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 23, 2016	By Email	TMGI/USAID	GRAMMS status for TO-15-00008 & 9-GAZI & II
March 23, 2016	By Email	USAID/TMGI	GRAMMS status for TO-15-00008 & 9-GAZI & II.
March 24, 2016	By Email	TMGI/USAID	GAZII-TO-15-00009-Vetting Request- S.aL Technologies
March 24, 2016	By Email	TMGI/USAID	D 8550 -TO-15-00008 & 9-GAZ I & II (Donation Number Packag

### 25.2 Correspondence with CMC

Date.	Transmittal No.	Corresponding from /To	Subject
March 20, 2016	By Email	TMGI/BV	TO-15-00008-GAZI & TO-15-00009-GAZII Materials Ordering-002 (March 21, 2016)
March 24, 2016	By Email	TMGI/BV	TO-15-00009-GAZII VOR. # 001 Ma'an Retaining Wall
March 24, 2016	By Email	BV/TMGI	Re: TO-15-00009-GAZII VOR. # 001 Ma'an Retaining Wall

**25.3 Transmittals from Contractor to CMC**

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-059</b>	Original CPM Schedule Submittal	SUB	March 01, 2016	March 21, 2016
	Ma'an Excavation Plan Shop Drawing		March 01, 2016	March 21, 2016
	"Method Statement (Existing Guard Room Protection- Al Berkah)"		March 01, 2016	March 21, 2016
	Ma'an Coordination study-Electrical		March 01, 2016	March 8, 2016
	Side Manway Material Submittal		March 01, 2016	March 08, 2016
	Al Berkah Coordination study-Electrical		March 01, 2016	March 21, 2016
<b>TRS-15-00009-GAZII-C-E-060</b>	Ma'an Architectural & Structural Retaining Walls Shop Drawing	SUB	March 02, 2016	March 21, 2016
<b>TRS-15-00009-GAZII-C-E-061</b>	Generator Set Displacement	RFI	March 03, 2016	March 03, 2016
	PAM Air Valves - Alternative	SUB	March 03, 2016	March 8, 2016
<b>TRS-15-00009-GAZII-C-E-062</b>	"Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)"	SUB	March 03, 2016	March 22, 2016
	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR)		March 03, 2016	March 22, 2016
<b>TRS-15-00009-GAZII-C-E-063</b>	Generator Set Displacement	RFI	March 06, 2016	March 7, 2016
	Seismic Cans - with samples	SUB	March 06, 2016	March 21, 2016
<b>TRS-15-00009-GAZII-C-E-064</b>	Ma'an Retaining Wall	VOR	March 07, 2016	March 15, 2016
	Additional UPVC Pipes		March 07, 2016	March 15, 2016
<b>TRS-15-00009-GAZII-C-E-065</b>	Ductile Iron Pipe and Fittings	SUB	March 09, 2016	March 15, 2016
	Polyethylene Storage Tanks		March 09, 2016	March 13, 2016
	Al Berkah Site Layout Shop Drawing		March 09, 2016	March 15, 2016
	Restrained Flange Coupling Adapter for UPVC Pipe		March 09, 2016	March 13, 2016
	Pressure Switch- Mechanical		March 09, 2016	March 21, 2016
	Disinfection Building-Electrical Shop Drawing		March 09, 2016	March 21, 2016
	Steel Pipe - Mechanical		March 09, 2016	March 13, 2016
	Flange Insulation Kit (SGM)		March 09, 2016	March 13, 2016
	Link Seal		March 09, 2016	March 13, 2016
<b>TRS-15-00009-GAZII-C-E-066</b>	"Concrete Mix Design Class B35 Cylinder	SUB	March 10, 2016	March 15, 2016
	Concrete Mix Design Class B20, B25, B30 &B35		March 10, 2016	March 15, 2016
	Concrete Curing Method Statement		March 10, 2016	March 21, 2016
	Concrete Ready-Mix Design Class B30-Size 20mm		March 10, 2016	March 15, 2016
	Ready Mix Concrete B300- CCQC Lab		March 10, 2016	March 15, 2016
	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength	TEST	March 10, 2016	March 16, 2016
<b>TRS-15-00009-GAZII-C-E-067</b>	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	SUB	March 13, 2016	March 23, 2016
	Ma'an 3800M3 Reservoir Shop Drawing / Structural & Architectural		March 13, 2016	March 23, 2016
	Al Berkah 3800 m3 Reservoir -Mechanical Shop Drawing		March 13, 2016	March 29, 2016
	Ma'an 3800 m3 Reservoir -Mechanical Shop Drawing		March 13, 2016	March 29, 2016
	ARV Chamber Shop Drawing (Mechanical)		March 13, 2016	March 22, 2016
	Wash-Out Chamber Shop Drawing - Mechanical		March 13, 2016	March 21, 2016
	Gate valve chamber shop drawing - Mechanical		March 13, 2016	March 22, 2016
	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers	VOR	March 13, 2016	March 21, 2016

<b>TRS-15-00009-GAZII-C-E-068</b>	Guard House Electrical Shop Drawing	SUB	March 15, 2016	March 23, 2016
	Method Statement for Internal Epoxy Coating		March 15, 2016	March 17, 2016
	Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)		March 15, 2016	March 21, 2016
	BFV Chamber Shop Drawing - Mechanical		March 15, 2016	March 21, 2016
	Base Coarse Test Report	TEST	March 15, 2016	March 22, 2016
<b>TRS-15-00009-GAZII-C-E-069</b>	Perforated pipe Product Name: Super Kiz Manufacturer: Eliyahou Plastics Ltd	SUB	March 16, 2016	March 22, 2016
	Al Berkah Retaining Walls (Shop Drawings)		March 16, 2016	March 21, 2016
	AL-Berkah 3800m3 Reservoir –Electrical Shop Drawing		March 16, 2016	March 23, 2016
	Ma'an 3800m3 Reservoir –Electrical Shop Drawing		March 16, 2016	March 23, 2016
	Formwork Materials (Retaining Wall & Chambers) - Samples		March 16, 2016	March 22, 2016
	Sealant for Expansion Joint (Reservoir & Retaining Wall)		March 16, 2016	March 21, 2016
	Additional RW in Ma'an Site	VOR	March 16, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-070</b>	Electrical & Control Building Shop Drawing (MECHANICAL)	SUB	March 17, 2016	March 31, 2016
	Guard House Mechanical shop drawing		March 17, 2016	Under Review
	Base Coarse Test Report	TEST	March 17, 2016	March 21, 2016
<b>TRS-15-00009-GAZII-C-E-071</b>	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	TEST	March 20, 2016	March 22, 2016
	Disinfection System Instruments	SUB	March 20, 2016	March 29, 2016
	Method Statement for Internal Epoxy Coating		March 20, 2016	March 21, 2016
	Al Berkah Electrical & Control Room – electrical shop drawing		March 20, 2016	March 30, 2016
	Ma'an electrical & Control Room – electrical shop drawing		March 20, 2016	March 31, 2016
	Al Berkah vertical booster pump & motors - Alternative		March 20, 2016	<b>Under Review</b>
Ma'an vertical booster pump & motors - Alternative	March 20, 2016		<b>Under Review</b>	
<b>TRS-15-00009-GAZII-C-E-072</b>	Manhole Covers "750 mm"	SUB	March 20, 2016	March 22, 2016
	Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)		March 20, 2016	March 21, 2016
<b>TRS-15-00009-GAZII-C-E-073</b>	Additional quantities of UPVC pipes	VOR	March 21, 2016	March 30, 2016
	Steel Fence and Post	SUB	March 21, 2016	March 23, 2016
	Al Berkah Retaining Walls (Shop Drawings)		March 21, 2016	March 23, 2016
<b>TRS-15-00009-GAZII-C-E-074</b>	Method Statement lowering Existing Pipes -MA'AN Project)	SUB	March 22, 2016	March 24, 2016
<b>TRS-15-00009-GAZII-C-E-075</b>	Ductile Iron Pipe and Fittings	SUB	March 24, 2016	<b>Under Review</b>
	Galvanized Steel Roof Vent		March 24, 2016	<b>Under Review</b>
	Gate valve chamber shop drawing - Mechanical		March 24, 2016	<b>Under Review</b>
	Formwork Materials (Retaining Wall & Chambers)		March 24, 2016	<b>Under Review</b>
	Sealant for Expansion Joint (Reservoir & Retaining Wall)		March 24, 2016	<b>Under Review</b>
	Cast iron drainage system		March 24, 2016	March 31, 2016

<b>TRS-15-00009-GAZII-C-E-076</b>	Engine generator -250KW	SUB	March 27, 2016	<b>Under Review</b>
	Plumbing Pipes and Fittings		March 27, 2016	March 31, 2016
	Restrained Flange Coupling Adapter for UPVC Pipe		March 27, 2016	March 31, 2016
	Pressure Level Transmitters – Alternative		March 27, 2016	<b>Under Review</b>
	Ma'an Architectural & Structural Retaining Walls Shop Drawing		March 27, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-077</b>	Stainless steel pipes inside water tank	SUB	March 27, 2016	March 31, 2016
	Meridur Pipes and Fitting For Disinfection System		March 27, 2016	<b>Under Review</b>
	Steel Fittings - FIP Products		March 27, 2016	March 31, 2016
<b>TRS-15-00009-GAZII-C-E-078</b>	Original CPM Schedule Submittal	SUB	March 28, 2016	<b>Under Review</b>
	Disinfection Building Shop Drawing (MECHANICAL)		March 28, 2016	<b>Under Review</b>
	VFD Components -Schneider		March 28, 2016	<b>Under Review</b>
	Disinfection Building-Electrical Shop Drawing		March 28, 2016	<b>Under Review</b>
	Wash-Out Chamber Shop Drawing - Mechanical		March 28, 2016	<b>Under Review</b>
	BFV Chamber Shop Drawing - Mechanical		March 28, 2016	<b>Under Review</b>
	VFD FOR BOOSTER PUMP - -electrical shop drawing		March 28, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-079</b>	Control & Signal Cable – Electrical	SUB	March 29, 2016	<b>Under Review</b>
	PLC System- Electrical		March 29, 2016	<b>Under Review</b>
	Base Coarse Test Report	TEST	March 29, 2016	<b>Under Review</b>
	Base Coarse Test Report		March 29, 2016	<b>Under Review</b>
	Flowmeters construction material	RFI	March 29, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-080</b>	Soil classification report under reservoir formation	TEST	March 30, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-081</b>	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA Reservoir panel (LALL-211, LCP)	VOR	March 30, 2016	<b>Under Review</b>
	Reservoirs Panel (LCP)- ELECTRICAL SHOP-DRAWING	SUB	March 30, 2016	<b>Under Review</b>
			March 30, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-082</b>	Disinfection System Instruments	SUB	March 31, 2016	<b>Under Review</b>
	Premium Accuracy Pressure Transmitter		March 31, 2016	<b>Under Review</b>
	Electromagnetic Flow Meter – Alternative		March 31, 2016	<b>Under Review</b>



<b>TRS-15-00009- GAZII-E-C-058</b>	1. Generator Set Displacement	RFI	March 07, 2016
	2. Base Coarse Test Report	TEST	
	3. "Steel Rebar's Test Reports (Φ16 & Φ20)"		
	4. "Steel Rebar's Test Reports (Φ16 & Φ20)"		
<b>TRS-15-00009- GAZII-E-C-059</b>	5. PVC Water Stop	SUB	March 08, 2016
	6. Guard House Electrical Shop Drawing		
	7. Disinfection Building Shop Drawing (MECHANICAL)		
<b>TRS-15-00009- GAZII-E-C-060</b>	8. Pressure Level Transmitters – Alternative	DJR	March 13, 2016
	9. Pressure Switch- Mechanical		
<b>TRS-15-00009- GAZII-E-C-061</b>	10. Daily Joint Reports from March 01, 2016 to March 06, 2016	SUB	March 14, 2016
	1. Expandable Water Stop		
<b>TRS-15-00009- GAZII-E-C-062</b>	2. Gate Valve PN16	SUB	March 15, 2016
	3. PAM Air Valves - Alternative		
	4. Side Manway Material Submittal		
<b>TRS-15-00009- GAZII-E-C-063</b>	5. Daily Joint Reports from March 07, 2016	DJR	March 16, 2016
	1. Polyethylene Storage Tanks		
<b>TRS-15-00009- GAZII-E-C-064</b>	2. Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	SUB	March 17, 2016
	3. Maan 3800 m3 Reservoir – Electrical Shop Drawing		
<b>TRS-15-00009- GAZII-E-C-064</b>	4. Restrained Flange Coupling Adapter for UPVC Pipe	DJR	March 17, 2016
	5. Steel Fence & Posts		
<b>TRS-15-00009- GAZII-E-C-064</b>	6. Steel Pipe	SUB	March 17, 2016
	7. Flange Insulation Kit (SGM)		
<b>TRS-15-00009- GAZII-E-C-064</b>	8. Link Seal	SUB	March 17, 2016
	9. Daily Joint Reports from March 08, 2016 to March 12, 2016		
<b>TRS-15-00009- GAZII-E-C-064</b>	1. Al Berkah Retaining Walls (Shop Drawings)	SUB	March 17, 2016
	2. Daily Joint Reports for March 13, 2016		
<b>TRS-15-00009- GAZII-E-C-064</b>	1. Break Down for Retaining Wall at Maan Site	VOR	March 17, 2016
	2. Additional UPVC Pipes		
<b>TRS-15-00009- GAZII-E-C-064</b>	3. Pressure Gauges & Snubbers	SUB	March 17, 2016
	4. "Concrete Mix Design Class B35 Cylinder"		
<b>TRS-15-00009- GAZII-E-C-064</b>	5. "Concrete Mix Design Class B20, B25, B30 & B35"	SUB	March 17, 2016
	6. Ductile iron pipe and fittings		
<b>TRS-15-00009- GAZII-E-C-064</b>	7. Al Berkah Site Layout Shop Drawing	SUB	March 17, 2016
	8. Maan Site Layout Shop Drawing		
<b>TRS-15-00009- GAZII-E-C-064</b>	9. Concrete Ready-Mix Design Class B30-Size 20mm	SUB	March 17, 2016
	10. Ready Mix Concrete B300- CCQC Lab		
<b>TRS-15-00009- GAZII-E-C-064</b>	11. VFD Components -Schneider	SUB	March 17, 2016
	12. Daily Joint Reports for March 14, 2016		
<b>TRS-15-00009- GAZII-E-C-064</b>	13. Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	TEST	March 17, 2016
	14. Daily Joint Reports for March 15, 2016		
<b>TRS-15-00009- GAZII-E-C-064</b>	1. Method Statement for Internal Epoxy Coating	SUB	March 17, 2016
	2. Daily Joint Reports for March 16, 2016		

<b>TRS-15-00009-GAZII-E-C-065</b>	1. Use of Steel Mini Guard in Lieu of Concrete New Jersey Barriers	VOR	March 21, 2016
	2. Original CPM Schedule Submittal	SUB	
	3. Al Berkah Retaining Walls (Shop Drawings)		
	4. Float Control Valve (Al Berkah )		
	5. Concrete Curing Method Statement		
	6. "Method Statement for Rapid Setting Cement- Based Water Stopping Mortar (Rendroc Plug)"		
	7. Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)		
	8. Float Control Valve (Maan)		
	9. Al Berkah Excavation Plan- Shop Drawing		
	10. BOOSTER PUMP CONTROL VALVE		
	11. Pressure Switch- Mechanical		
	12. Pad Transformer- 400KVA		
	13. Method Statement (Lowering Existing Pipes -MA'AN Project)		
	14. Pressure Reducing Valve		
	15. Maan Excavation Plan Shop Drawing		
	16. "Method Statement (Existing Guard Room Protection- Al Berkah)"		
	17. Al Berkah Coordination study-Electrical		
	18. Maan Coordination study-Electrical		
	19. "Ma'an Architectural & Structural Retaining Walls Shop Drawing"		
	20. Seismic Cans		
	21. Disinfection Building-Electrical Shop Drawing		
	22. Wash-Out Chamber Shop Drawing - Mechanical		
	23. BFV chamber shop drawing - Mechanical		
	24. Daily Joint Reports from March 17, 2016 to March 19, 2016		
<b>TRS-15-00009-GAZII-E-C-066</b>	1. Base Coarse Test Report	TEST	March 21, 2016
	2. Method Statement for Internal Epoxy Coating	SUB	
3. Sealant for Expansion Joint (Reservoir & Retaining Wall)			
<b>TRS-15-00009-GAZII-E-C-067</b>	1. Concrete Ready-Mix Design 28-days Concrete Compressive Strength Test Reports	TEST	March 22, 2016
	2. Base Coarse Test Report	SUB	
	3. "Perforated pipe Product Name: Super Kiz Manufacturer : Eliyahou Plastics Ltd"		
	4. Manhole Covers "750 mm"		
	5. "Concrete Repair Material – Alternative (SikaRep & Sikagrout -200)"		
	6. "Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR"		
	7. Daily Joint Reports from March 20, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-068</b>	1. Additional Retaining Wall at Ma'an Site	VOR	March 22, 2016
	2. ARV Chamber Shop Drawing (Mechanical)	SUB	
	3. Gate Valve Chamber Shop Drawing (Mechanical)		
	4. Formwork Materials (Retaining Wall & Chambers) - Samples		

<b>TRS-15-00009-GAZII-E-C-069</b>	1. Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	SUB	March 23, 2016
	2. Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing		
	3. Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	SUB	March 23, 2016
	4. Maan 3800 m3 Reservoir – Electrical Shop Drawing		
	5. Guard House Electrical Shop Drawing	SUB	March 23, 2016
	6. Steel Fence & Posts		
	7. Daily Joint Reports March 21, 2016 & March 22, 2016	DJR	
	<b>TRS-15-00009-GAZII-E-C-070</b>	1. Method Statement (lowering Existing Pipes - MA.AN Project) Metal Box	SUB
	2. Daily Joint Report March 23, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-071</b>	1. Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	SUB	March 29, 2016
	2. Maan 3800 m3 Reservoir – Mechanical Shop Drawing		
	3. Daily Joint Report March 24, 2016 To March 28, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-072</b>	1. Disinfection System Instruments	SUB	March 29, 2016
<b>TRS-15-00009-GAZII-E-C-073</b>	1. Additional UPVC Pipes	VOR	March 30, 2016
	2. Al Berkah Electrical & Control Room – electrical shop drawing	SUB	
<b>TRS-15-00009-GAZII-E-C-074</b>	1. "Ma'an electrical & Control Room – electrical shop drawing"	SUB	March 31, 2016
<b>TRS-15-00009-GAZII-E-C-075</b>	1. Stainless steel pipes inside water tank	SUB	March 31, 2016
	2. Plumping Pipes and Fittings		
	3. Steel Fittings - FIP Products		
	4. Restrained Flange Coupling Adapter for UPVC Pipe		
	5. Electrical & Control Building Shop Drawing (MECHANICAL)		
	6. Cast iron drainage system		

## 26. Task Order General Statistics

NO.	Description	Quantity
1	Shop drawings Submittals	56
2	Material Submittals	254
3	Preconstruction Submittals	55
4	RFI	14
5	IR (Ma'an)	10
6	IR (Al Berkah)	9

## 27. Payments

No payments were issued during this reporting period

Invoice No.	Project	Submitted date	Amount \$	Retention Amount	Amount Received	Received Date
-	MAN					
	BER					

## 28. Variation Orders

Vo No.	Description	VO Status: (AP/PE/RE/RJ)			Date sent to B&V	USAID Approval Date	VO Amount	Time Ex.
		TMGI	B&V	USAID				
	No VOs were issued during this reporting period							

## 29. Variation Order Requests

No.	VOR No.	Description	Cost (\$)	Time (Calendar Day)	Submitted Date	Response Date	Status
1	VOR-15-00009-GAZII-001-A	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work	\$21,758.04	0	March 7, 2016	March 15, 2016	Response with comments
2	VOR-15-00009-GAZII-001-B	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work	\$21,227.04	0	March 16, 2016		Under Review
3	VOR-15-00009-GAZII-002-A	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$15,225.00	0	March 7, 2016	March 15, 2016	Response with comments
4	VOR-15-00009-GAZII-002-B	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$15,225.00	0	March 21, 2016		Under Review
5	VOR-15-00009-GAZII-002-C	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$14,486.00	0	March 30, 2016		Under Review
6	VOR-15-00009-GAZII-003-A	Use of Steel Mini Guard In lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and backfilling operations.	\$-	0	March 13, 2016	March 21, 2016	Response with comments

## 30. Obstacles and Challenges

### 30.1 Project 01: Al Berkah

There are no seen obstacles observed until now.

### 30.2 Project 02: Ma'an

There are no seen obstacles observed until now.

### 31. Progress Photos

#### 31.1 Project 01: Al Berkah Reservoir and Pumping Facilities



Photo #01 (Walkthrough to Determine the Exact Location of Water Pipeline)



Photo #02 (Trial Test Pits to Investigate the Existing Utilities)



**Photo #03 (Base Coarse Test in Lab)**



**Photo #04 (Trial Test Pits to Investigate the Existing Utilities)**



**Photo #05 (Fixing Traffic Signs)**



**Photo #06 (Fixing Traffic Signs)**



**Photo #07 (Clearing and Grubbing the Site)**



**Photo #08 (Trial Mix for 30MPa Concrete)**



**Photo #09 (Excavation Work for RW “Segment 8-9”)**



**Photo #10 (Survey Works for the Formation Level of Retaining Wall)**



**Photo #11 (Compaction Test Under RW “Segment 8-9”)**

**31.2 Project 02: Ma'an Reservoir and Pumping Facilities**



**Photo #01 (Demolishing Works for Warehouse)**



**Photo #02 (Taking a Base Coarse Sample)**



**Photo#03 (Base Coarse Test “Sieve Analysis”)**



**Photo#04 (Base Coarse Test “PI Test”)**



**Photo #05 (Supply Drain Pipes and Fittings)**



**Photo #06 (Trial Test Pits to Determine the Existing Utilities)**



**Photo #07 (Fixing Traffic Signs)**



**Photo #08 (TBM “Hand Tools”)**



**Photo #09 (Excavation Works for Reservoir Foundation)**



**Photo #10 (TBM “Excavation Works”)**



**Photo #11 (Haul Off the Excavated Material to the Authorized Dump Site)**



**Photo #12 (Excavation Works for Reservoir Foundation)**

# ANNEXES

# **Annex A - Materials- Equipment Receiving Log**

1. **Project 01: Al Berkah:**  
**Materials Delivered on Site:**

DATE	Description	Quantity
March 07, 2016	HDPE Pipes	24 L.M
	Straight Coupler OD 160	3
	Flange Adapter with long Spigot 160	1
	PVC Bend 90 DEG 160	1
	Cast Iron Flanged Socket 160 x 6"	1

**Equipment on Site:**

DATE	Equipment Type			
	Loader, CAT 936F		Concrete Mixer	
	Quantity in Use	Quantity in Use	Quantity in Use	Quantity Idle
March 28, 2016	1	-	-	-
March 29, 2016	1	-	-	-
March 31, 2016	0	-	1	-
<b>Total of Month</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>

2. **Project 02: Ma'an:**  
**Materials Delivered on Site:**

DATE	Description	Quantity
March 07, 2016	HDPE Pipes	24 L.M
	Straight Coupler OD 160	3
	Flange Adapter with long Spigot 160	1
	PVC Bend 90 DEG 160	1
	Cast Iron Flanged Socket 160 x 6"	1

**Equipment on Site:**

DATE	Equipment Type			
	Loader, CAT F936		Truck, Volvo F12	
	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle
March 26, 2016	1	-	-	-
March 27, 2016	1	-	2	-
March 28, 2016	1	-	2	-
March 29, 2016	1	-	2	-
March 31, 2016	1	-	1	-
<b>Total of Month</b>	<b>5</b>	<b>0</b>	<b>7</b>	<b>0</b>

# **Annex B - One Month Look Ahead**

Note:

- The attachment is based on the resubmitted CPM schedule on March 28, 2016

TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II

05-Apr-16 13:26



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
<b>TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>					▼																																			
<b>Milestones</b>					▼																																			
<b>General Milestones</b>					▼																																			
A1010	Project Duration	610.00d	26-Oct-15 A	26-Jun-17	▼																																			
<b>Intermediate Milestones</b>					▼																																			
GAZII-IA-04	Finish of Pre-Construction Submittals	0.00d		05-Apr-16	▼																																			
<b>Preconstruction Phase</b>					▼																																			
<b>Preconstruction Submittals</b>					▼																																			
GAZII-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21.00d	27-Dec-15	05-Apr-16	▼																																			
<b>Construction Phase</b>					▼																																			
<b>Construction Submittals</b>					▼																																			
<b>Shop drawing Submittals</b>					▼																																			
<b>Shop drawing Submittals for Project 1 - AI Berkah Reservoir and Pumping Facilities</b>					▼																																			
<b>Shop drawing Submittals for AI Berkah Reservoir and Pumping Facilities</b>					▼																																			
<b>Shop drawing submittals for AI Berkah Reservoir - 3,800 m3</b>					▼																																			
BER-SD-RES-1060	Prep. & Sub. of Mechanical shopdrawing for AI Berkah Reservoir	20.00d	20-Jan-16 A	12-Apr-16	▼																																			
BER-SD-RES-1070	Review & Approval of Mechanical shopdrawing for AI Berkah Reservoir	21.00d	25-Jan-16 A	21-Apr-16	▼																																			
BER-SD-RES-1100	Prep. & Sub. of Coordination Shop drawing for AI Berkah Reservoir	15.00d	21-Apr-16	12-May-16	▼																																			
BER-SD-RES-1140	Preparation and Submission of Float Indicator Location & Details shop Drawing for AI Berkah Reservoir	10.00d	19-Apr-16	30-Apr-16	▼																																			
BER-SD-RES-1160	Preparation and Submission of Piping Plan & Sections shop Drawing for AI Berkah Reservoir	15.00d	02-Apr-16	18-Apr-16	▼																																			
BER-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for AI Berkah Reservoir	21.00d	19-Apr-16	22-May-16	▼																																			
<b>Shop drawing submittals for AI Berkah Disinfection Building</b>					▼																																			
BER-SD-DIS-1000	Preparation and Submission of Structural Shopdrawing for AI Berkah Disinfection Building	5.00d	02-Apr-16	06-Apr-16	▼																																			
BER-SD-DIS-1010	Review & Approval of Structural Shopdrawing for AI Berkah Disinfection Building	21.00d	07-Apr-16	10-May-16	▼																																			
BER-SD-DIS-1030	Review & Approval of Mechanical - Plumping shopdrawing for AI Berkah Disinfection Building	21.00d	11-Feb-16 A	21-Apr-16	▼																																			
BER-SD-DIS-1050	Review & Approval of Electrical shopdrawing for AI Berkah Disinfection Building	21.00d	09-Mar-16 A	21-Apr-16	▼																																			
<b>Shop drawing submittals for AI Berkah Booster Pump Station</b>					▼																																			
BER-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for AI Berkah Booster Pump Station	9.00d	02-Apr-16	11-Apr-16	▼																																			
BER-SD-BP-1030	Review & Approval of Mechanical shopdrawing for AI Berkah Booster Pump Station	21.00d	12-Apr-16	15-May-16	▼																																			
BER-SD-BP-1050	Review & Approval of Electrical shopdrawing for AI Berkah Booster Pump Station	21.00d	28-Mar-16 A	04-May-16	▼																																			
BER-SD-BP-1100	Preparation and Submission of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	5.00d	12-Apr-16	17-Apr-16	▼																																			
BER-SD-BP-1110	Review & Approval of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	21.00d	18-Apr-16	19-May-16	▼																																			
BER-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for AI Berkah Booster Pump Station	5.00d	02-Apr-16	06-Apr-16	▼																																			
BER-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for AI Berkah Booster Pump Station	21.00d	07-Apr-16	10-May-16	▼																																			
<b>Shop drawing submittals for AI Berkah Electrical and Control Building</b>					▼																																			
BER-SD-ECB-1040	Preparation and Submission of Structural & Architectural Shopdrawing for AI Berkah Electrical and Control Building	15.00d	27-Apr-16	17-May-16	▼																																			
BER-SD-ECB-1070	Review & Approval of HVAC-Plumbing shopdrawing for AI Berkah Electrical and Control Building	21.00d	17-Mar-16 A	04-May-16	▼																																			
BER-SD-ECB-1080	Prep. & Sub. of Electrical shopdrawing for AI Berkah Electrical and Control Building	19.00d	15-Mar-16 A	12-Apr-16	▼																																			
BER-SD-ECB-1090	Review & Approval of Electrical shopdrawing for AI Berkah Electrical and Control Building	21.00d	20-Mar-16 A	21-Apr-16	▼																																			
<b>Shop drawing submittals for AI Berkah Guard House</b>					▼																																			
BER-SD-GH-1040	Preparation and Submission of Structural & Architectural Shopdrawing for AI Berkah Guard House	20.00d	02-Apr-16	24-Apr-16	▼																																			
BER-SD-GH-1050	Review & Approval of Structural & Architectural Shopdrawing for AI Berkah Guard House	21.00d	25-Apr-16	26-May-16	▼																																			
BER-SD-GH-1070	Review & Approval of HVAC-Plumbing shopdrawing for AI Berkah Guard House	21.00d	17-Mar-16 A	04-May-16	▼																																			
BER-SD-GH-1080	Prep. & Sub. of Electrical shopdrawing for AI Berkah Guard House	9.00d	25-Jan-16 A	06-Apr-16	▼																																			
BER-SD-GH-1090	Review & Approval of Electrical shopdrawing for AI Berkah Guard House	21.00d	31-Jan-16 A	21-Apr-16	▼																																			
<b>Shop drawing submittals for AI Berkah Primary Power and Supply Transformer</b>					▼																																			
BER-SD-T-1000	Preparation and Submission of Shopdrawing for AI Berkah Primary Power and Supply Transformer	5.00d	21-Apr-16	27-Apr-16	▼																																			

■ Actual Work   
 ■ Critical Remaining Work   
 ▼ Summary  
■ Remaining Work   
 ◆ Milestone











**TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II**

05-Apr-16 13:26



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
<b>Float Control Valve, Flow Control Valve, Pressure Reducing Valve, Pressure Sustaining Valve (DARB)</b>					05-Aug-16, Float Control Valve...																													
DN-1360	Preparation and submission of Donation number request for PRV, FCV, PSV	30.00d	20-Mar-16 A	06-Apr-16	■ Preparation and submission of ...																													
DN-1370	Approval of Donation Number request for PRV, FCV, PSV	100.00d	06-Apr-16	05-Aug-16	■ Approval of Donation Number re...																													
GRAMMS540	Preparation and upload of PRV, FCV, PSV on GRAMMS	53.00d	27-Jan-16 A	03-Jun-16	■ Preparation and upload of PRV,...																													
<b>Mechanical Coupling</b>					27-Jul-16, Mechanical Coupling																													
DN-1380	Preparation and submission of Donation number request for Mechanical Coupling	30.00d	05-Apr-16	10-May-16	■ Preparation and submission of ...																													
PROC-1950	Order of Mechanical Coupling	6.00d	21-Apr-16	28-Apr-16	■ Order of Mechanical Coupling																													
PROC-1960	Manufacturing of Mechanical Coupling	90.00d	28-Apr-16	27-Jul-16	■ Manufacturing of Mechanical Co...																													
<b>Ball Valves DN50 &amp; Smaller</b>					02-Aug-16, Ball Valves DN50 & ...																													
PROC-2050	Order of Ball Valves DN50 & Smaller	20.00d	02-Apr-16	24-Apr-16	■ Order of Ball Valves DN50 & Sm...																													
PROC-2060	Manufacturing of Ball Valves DN50 & Smaller	100.00d	25-Apr-16	02-Aug-16	■ Manufacturing of Ball Valves D...																													
<b>Ball Valves DN75 &amp; Larger</b>					23-Jul-16, Ball Valves DN75 & ...																													
PROC-2100	Order of Ball Valves DN75 & Larger	20.00d	02-Apr-16	24-Apr-16	■ Order of Ball Valves DN75 & La...																													
PROC-2110	Manufacturing of Ball Valves DN75 & Larger	90.00d	25-Apr-16	23-Jul-16	■ Manufacturing of Ball Valves D...																													
<b>Strainers</b>					06-Jul-16, Strainers																													
DN-1460	Preparation and submission of Donation number request for Strainers	30.00d	01-Apr-16	06-May-16	■ Preparation and submission of ...																													
PROC-2150	Order of Strainers	6.00d	02-Apr-16	07-Apr-16	■ Order of Strainers																													
PROC-2160	Manufacturing of Strainers	90.00d	08-Apr-16	06-Jul-16	■ Manufacturing of Strainers																													
<b>Check valves</b>					05-Aug-16, Check valves																													
PROC-2200	Order of Check Valves	6.00d	02-Apr-16	07-Apr-16	■ Order of Check Valves																													
PROC-2210	Manufacturing of Check Valves	120.00d	08-Apr-16	05-Aug-16	■ Manufacturing of Check Valves																													
<b>Combination Air Valves</b>					05-Aug-16, Combination Air Val...																													
PROC-2250	Order of Combination Air Valves	6.00d	02-Apr-16	07-Apr-16	■ Order of Combination Air Valve...																													
PROC-2260	Manufacturing of Combination Air Valves	120.00d	08-Apr-16	05-Aug-16	■ Manufacturing of Combination A...																													
<b>Flap Valves</b>					16-Jul-16, Flap Valves																													
PROC-2300	Order of Flap Valves	6.00d	02-Apr-16	07-Apr-16	■ Order of Flap Valves																													
PROC-2310	Manufacturing of Flap Valves	100.00d	08-Apr-16	16-Jul-16	■ Manufacturing of Flap Valves																													
<b>Pressure Level Transmitter</b>					05-Aug-16, Pressure Level Tra...																													
PROC-2350	Order of Pressure Level Trasmitter	6.00d	02-Apr-16	07-Apr-16	■ Order of Pressure Level Trasm...																													
PROC-2360	Manufacturing of Pressure Level Trasmitter	120.00d	08-Apr-16	05-Aug-16	■ Manufacturing of Pressure Leve...																													
<b>Disinfection and HDPE Tank</b>					03-Jun-16, Disinfection and HD...																													
DN-1640	Preparation and submission of Donation number request for Disinfection and HDPE Tank	30.00d	04-Apr-16	10-May-16	■ Preparation and submission of ...																													
GRAMMS750	Approval of Disinfection and HDPE Tank on GRAMMS	53.00d	25-Jan-16 A	03-Jun-16	■ Approval of Disinfection and H...																													
<b>Main Distrubution board</b>					03-Jun-16, Main Distrubution b...																													
DN-1580	Preparation and submission of Donation number request for Main Distribution Board	30.00d	01-Apr-16	06-May-16	■ Preparation and submission of ...																													
GRAMMS760	Preparation and upload of Main Distribution Board on GRAMMS	53.00d	01-Apr-16	03-Jun-16	■ Preparation and upload of Main...																													
<b>Lightning System</b>					16-Jun-16, Lightning System																													
GRAMMS260	Preparation and upload of Lightning System on GRAMMS	53.00d	12-Apr-16	16-Jun-16	■ Preparation and upload of Ligh...																													
<b>Execution</b>					24-Jun-17, Execution																													
<b>Project 1, Construction of Al Berkah Reservoir and Pumping Facilities</b>					24-Jun-17, Project 1, Construc...																													
<b>Construction of Al Berkah Facilities</b>					24-Jun-17, Construction of Al ...																													
<b>Traffic Control Plan and Safety measures</b>					24-Jun-17, Traffic Control Pla...																													
E-BER-2670	Maintain of Traffic Control Plan and Safety measures for Al Berkah Facilities Site	306.07d	07-Jan-16 A	24-Jun-17	■ Maintain of Traffic Control Pl...																													
<b>Al Berkah Booster Station</b>					11-May-16, Al Berkah Booster S...																													
<b>Retaining Walls</b>					11-May-16, Retaining Walls																													
<b>Retaining Wall - East</b>					11-May-16, Retaining Wall - Ea...																													
E-BER-RW-1000	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	27-Apr-16	11-May-16	■ Excavation for Foundation, Lev...																													
<b>Retaining Wall - South</b>					03-Apr-16, Retaining Wall - Sp...																													

■ Actual Work   
 ■ Critical Remaining Work   
 ▼ Summary  
■ Remaining Work   
 ◆ Milestone

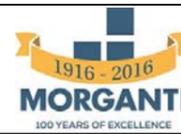


# Annex C - Updated and Detailed Schedule

Note:

- The attachment is based on the resubmitted CPM schedule on March 28, 2016

**TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II**



05-Apr-16 13:31

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
<b>TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>					26-Jun-17, TO 15-09 GAZII - Ba...																																			
<b>Milestones</b>					26-Jun-17, Milestones																																			
<b>General Milestones</b>					26-Jun-17, General Milestones																																			
A1000	Notice To Proceed (NTP)	0.00d	26-Oct-15 A		◆ Notice To Proceed (NTP)																																			
A1010	Project Duration	610.00d	26-Oct-15 A	26-Jun-17	Project Duration																																			
A1020	Completion Date	0.00d		26-Jun-17*	◆ Completion Date																																			
<b>Intermediate Milestones</b>					20-May-17, Intermediate Milest...																																			
GAZII-IA-01	Start of Mobilization	0.00d	26-Oct-15 A		◆ Start of Mobilization																																			
GAZII-IA-02	Finish of Mobilization	0.00d		18-Jan-16 A	◆ Finish of Mobilization																																			
GAZII-IA-03	Start of Pre-Construction Submittals	0.00d	26-Oct-15 A		◆ Start of Pre-Construction Subm...																																			
GAZII-IA-04	Finish of Pre-Construction Submittals	0.00d		05-Apr-16	◆ Finish of Pre-Construction Sub...																																			
GAZII-IA-05	Start of Construction Submittals	0.00d	26-Oct-15 A		◆ Start of Construction Submitta...																																			
GAZII-IA-06	Finish of Construction Submittals	0.00d		22-Sep-16	◆ Finish of Construction Submitt...																																			
GAZII-IA-07	Start of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00d	27-Mar-16 A		◆ Start of Construction at Proje...																																			
GAZII-IA-08	Finish of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00d		20-May-17	◆ Finish of Construction at Proj...																																			
GAZII-IA-09	Start of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00d	04-Feb-16 A		◆ Start of Construction at Proje...																																			
GAZII-IA-10	Finish of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00d		26-Mar-17	◆ Finish of Construction at Proj...																																			
<b>Preconstruction Phase</b>					05-Apr-16, Preconstruction Pha...																																			
<b>Mobilization</b>					18-Jan-16 A, Mobilization																																			
GAZII - MOB0999	Construction Site Handover and Receive Conformed Drawings	1.00d	26-Oct-15 A	27-Oct-15 A	I Construction Site Handover and...																																			
GAZII - MOB1000	Pre-Construction Dilapidation Survey	5.00d	19-Nov-15	23-Nov-15	I Pre-Construction Dilapidation ...																																			
GAZII - MOB1010	Provide, furnish and erect Temporary Project Signs	2.00d	26-Dec-15	29-Dec-15	I Provide, furnish and erect Tem...																																			
GAZII - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2.00d	30-Dec-15	31-Dec-15	I Supply and furnish Field Offic...																																			
GAZII - MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2.00d	02-Jan-16 A	18-Jan-16 A	I Supply and install Field Offic...																																			
GAZII - MOB1040	Arrange for and erect Contractor's work and Storage Yards	2.00d	22-Dec-15	31-Dec-15	I Arrange for and erect Contract...																																			
GAZII - MOB1060	Post OSHA-required notices and establish safety programs	2.00d	22-Dec-15	31-Dec-15	I Post OSHA-required notices and...																																			
GAZII - MOB1070	Installation of Temporary Facilities as per section 01500	5.00d	03-Dec-15	31-Dec-15	I Installation of Temporary Faci...																																			
GAZII - MOB1080	Mobilization Summary	71.00d	26-Oct-15 A	18-Jan-16 A	I Mobilization Summary																																			
<b>Preconstruction Submittals</b>					05-Apr-16, Preconstruction Sub...																																			
GAZII-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1.00d	11-Nov-15	12-Nov-15	I Preparation & Submit Copy of B...																																			
GAZII-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00d	12-Nov-15	23-Nov-15	I Review & Approval of Bank Guar...																																			
GAZII-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2.00d	10-Nov-15	12-Nov-15	I Preparation & Submit Scheduling...																																			
GAZII-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00d	12-Nov-15	23-Nov-15	I Review & Approval of Scheduling...																																			
GAZII-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	10.00d	12-Nov-15	22-Nov-15	I Preparation & Submit Prelimina...																																			
GAZII-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00d	22-Nov-15	13-Dec-15	I Review & Approval of Prelimina...																																			
GAZII-PC-SUB-04	Preparation & Submit Submittals Schedule	2.00d	10-Dec-15	19-Dec-15	I Preparation & Submit Submittal...																																			
GAZII-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00d	20-Dec-15	03-Jan-16 A	I Review & Approval of Submittal...																																			
GAZII-PC-SUB-05	Preparation & Submit Key Staff	5.00d	26-Oct-15 A	20-Dec-15	I Preparation & Submit Key Staff																																			
GAZII-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00d	20-Dec-15	25-Dec-15	I Review & Approval of Key Staff																																			
GAZII-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00d	11-Nov-15	12-Nov-15	I Preparation & Submit Project T...																																			
GAZII-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21.00d	12-Nov-15	29-Nov-15	I Review & Approval of Project T...																																			
GAZII-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2.00d	14-Nov-15	22-Nov-15	I Preparation & Submit Engineer'...																																			
GAZII-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	21.00d	22-Nov-15	30-Nov-15	I Review & Approval of Engineer'...																																			
GAZII-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00d	21-Nov-15	22-Nov-15	I Preparation & Submit Field Off...																																			
GAZII-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	21.00d	22-Nov-15	23-Dec-15	I Review & Approval of Field Off...																																			
GAZII-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5.00d	15-Nov-15	16-Nov-15	I Preparation & Submit Field Off...																																			
GAZII-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	21.00d	16-Nov-15	23-Nov-15	I Review & Approval of Field Off...																																			
GAZII-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5.00d	10-Dec-15	28-Jan-16 A	I Preparation & Submit Quality C...																																			

■ Actual Work   
 ■ Critical Remaining Work   
 ■ Remaining Work   
 ◆ Milestone   
 ▼ Summary













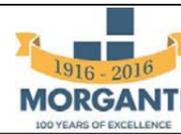






**TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II**

05-Apr-16 13:31



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
<b>Mechanical Material List</b>					20-Mar-16 A, Mechanical Materi...																																			
GRAMMS900	Preparation and upload of Mechanical Material List No 01 on GRAMMS	53.00d	26-Oct-15 A	24-Dec-15	Preparation and upload of Mech...																																			
GRAMMS910	Approval of Mechanical Material List No 01 on GRAMMS	53.00d	24-Dec-15	25-Feb-16 A	Approval of Mechanical Materia...																																			
PRO-1090	Order and Delivery of Mechanical Material No. 01	20.00d	10-Feb-16 A	20-Mar-16 A	Order and Delivery of Mechanic...																																			
<b>Electrical and instrumentation Material List</b>					20-Mar-16 A, Electrical and in...																																			
GRAMMS980	Preparation and upload of Electrical Material List No 01 on GRAMMS	53.00d	26-Oct-15 A	24-Dec-15	Preparation and upload of Elec...																																			
GRAMMS990	Approval of Electrical Material List No 01 on GRAMMS	53.00d	24-Dec-15	25-Feb-16 A	Approval of Electrical Materia...																																			
PRO-1130	Order and Delivery of Electrical Material List No. 01	20.00d	20-Feb-16 A	20-Mar-16 A	Order and Delivery of Electric...																																			
<b>Long Lead items</b>					17-Feb-17, Long Lead items																																			
<b>Formwork System</b>					26-May-16, Formwork System																																			
GRAMMS180	Preparation and upload of Formwork System on GRAMMS	53.00d	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Form...																																			
GRAMMS190	Approval of Formwork System on GRAMMS	53.00d	25-Jan-16 A	22-Feb-16 A	Approval of Formwork System on...																																			
PROC-1000	Order of Formwork System	2.00d	17-Jan-16 A	17-Jan-16 A	Order of Formwork System																																			
PROC-1010	Manufacturing of Formwork System	39.63d	17-Jan-16 A	20-Apr-16	Manufacturing of Formwork Syst...																																			
PROC-1020	Shipping of Formwork System	18.00d	20-Apr-16	08-May-16	Shipping of Formwork System																																			
PROC-1030	Clearance of Formwork System	12.00d	08-May-16	23-May-16	Clearance of Formwork System																																			
PROC-1040	Delivery of Formwork System to project site	3.00d	23-May-16	26-May-16	Delivery of Formwork System to...																																			
<b>UPVC pipes</b>					18-Sep-16, UPVC pipes																																			
DN-1020	Preparation and submission of Donation number request for PVC Pipes	30.00d	09-Feb-16 A	09-Mar-16 A	Preparation and submission of ...																																			
DN-1030	Approval of Donation Number request for PVC Pipes	100.00d	09-Mar-16 A	19-Jul-16	Approval of Donation Number re...																																			
GRAMMS200	Preparation and upload of PVC Pipes on GRAMMS	53.00d	26-Oct-15 A	27-Oct-15 A	Preparation and upload of PVC ...																																			
GRAMMS210	Approval of PVC Pipes on GRAMMS	53.00d	27-Oct-15 A	28-Oct-15 A	Approval of PVC Pipes on GRAMM...																																			
PROC-1050	Order of UPVC Pipes	6.00d	02-Apr-16	07-Apr-16	Order of UPVC Pipes																																			
PROC-1060	Manufacturing of UPVC Pipes	120.00d	08-Apr-16	05-Aug-16	Manufacturing of UPVC Pipes																																			
PROC-1070	Shipping of UPVC Pipes	21.00d	06-Aug-16	26-Aug-16	Shipping of UPVC Pipes																																			
PROC-1080	Clearance of UPVC Pipes	14.00d	28-Aug-16	12-Sep-16	Clearance of UPVC Pipes																																			
PROC-1090	Delivery of UPVC Pipes to project site	5.00d	13-Sep-16	18-Sep-16	Delivery of UPVC Pipes to proj...																																			
<b>Restraint Joint</b>					27-Oct-16, Restraint Joint																																			
DN-1040	Preparation and submission of Donation number request for Restraint Joint	30.00d	09-Feb-16 A	09-Mar-16 A	Preparation and submission of ...																																			
DN-1050	Approval of Donation Number request for Restraint Joint	100.00d	09-Mar-16 A	19-Jul-16	Approval of Donation Number re...																																			
GRAMMS220	Preparation and upload of Restraint Joint on GRAMMS	53.00d	27-Oct-15 A	24-Feb-16 A	Preparation and upload of Rest...																																			
GRAMMS230	Approval of Restraint Joint on GRAMMS	53.00d	24-Feb-16 A	28-Feb-16 A	Approval of Restraint Joint on...																																			
PROC-1100	Order of Restraint Joint	6.00d	05-May-16	11-May-16	Order of Restraint Joint																																			
PROC-1110	Manufacturing of Restraint Joint	120.00d	12-May-16	08-Sep-16	Manufacturing of Restraint Joi...																																			
PROC-1120	Shipping of Restraint Joint	21.00d	09-Sep-16	29-Sep-16	Shipping of Restraint Joint																																			
PROC-1130	Clearance of Restraint Joint	14.00d	30-Sep-16	20-Oct-16	Clearance of Restraint Joint																																			
PROC-1140	Delivery of Restraint Joint to project site	5.00d	21-Oct-16	27-Oct-16	Delivery of Restraint Joint to...																																			
<b>Ducktail Iron Pipes for Booster Station</b>					25-Sep-16, Ducktail Iron Pipes...																																			
DN-1060	Preparation and submission of Donation number request for DI Pipes for BS	30.00d	09-Feb-16 A	09-Mar-16 A	Preparation and submission of ...																																			
DN-1070	Approval of Donation Number request for DI Pipes for BS	100.00d	09-Mar-16 A	19-Jul-16	Approval of Donation Number re...																																			
GRAMMS240	Preparation and upload of DI Pipes for BS on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Preparation and upload of DI P...																																			
GRAMMS250	Approval of DI Pipes for BS on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Approval of DI Pipes for BS on...																																			
PROC-1150	Order of DI Pipes for BS	6.00d	05-May-16	11-May-16	Order of DI Pipes for BS																																			
PROC-1160	Manufacturing of DI Pipes for BS	60.00d	12-May-16	10-Jul-16	Manufacturing of DI Pipes for ...																																			
PROC-1170	Shipping of DI Pipes for BS	21.00d	20-Jul-16	09-Aug-16	Shipping of DI Pipes for BS																																			
PROC-1180	Clearance of DI Pipes for BS	30.00d	10-Aug-16	13-Sep-16	Clearance of DI Pipes for BS																																			
PROC-1190	Delivery of DI Pipes for BS to project site	10.00d	14-Sep-16	25-Sep-16	Delivery of DI Pipes for BS to...																																			
<b>Ducktail Iron fittings</b>					25-Sep-16, Ducktail Iron fitti...																																			

█ Actual Work   
 █ Critical Remaining Work   
  Summary  
█ Remaining Work   
 ◆ Milestone

TASK filter: All Activities













Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018			
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
<b>Execution</b>																																
<b>Project 1, Construction of Al Berkah Reservoir and Pumping Facilities</b>																																
<b>Construction of Al Berkah Facilities</b>																																
<b>Traffic Control Plan and Safety measures</b>																																
E-BER-2401	Miscellaneous Backfilling: Furnishing, leveling, and compaction	19.00d	24-Nov-16	20-Dec-16																									24-Jun-17, Execution			
E-BER-2640	Implementation of Safety measures and Traffic Control Plan for Al Berkah Facilities Site	2.00d	06-Jan-16 A	07-Jan-16 A																									24-Jun-17, Project 1, Construc...			
E-BER-2670	Maintain of Traffic Control Plan and Safety measures for Al Berkah Facilities Site	306.07d	07-Jan-16 A	24-Jun-17																									24-Jun-17, Construction of Al ...			
E-BER-2680	Demolition, Site Cleaning & Grubbing	1.00d	27-Mar-16 A	28-Mar-16 A																									24-Jun-17, Traffic Control Pla...			
<b>AI Berkah Booster Station</b>																													08-May-17, AI Berkah Booster S...			
<b>Retaining Walls</b>																																
<b>Retaining Wall - East</b>																																
E-BER-RW-1000	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	27-Apr-16	11-May-16																									26-Jul-16, Retaining Walls			
E-BER-RW-1030	Furnish and install lean concrete (blinding 100mm)	5.00d	12-May-16	17-May-16																									23-Jun-16, Retaining Wall - Ea...			
E-BER-RW-1040	Form/Steel Rebars for Foundation	3.00d	18-May-16	21-May-16																									Excavation for Foundation, Lev...			
E-BER-RW-1050	Cast in Concrete for Foundation	1.00d	22-May-16	22-May-16																									Furnish and install lean concr...			
E-BER-RW-1060	Concrete Curing for foundation	7.00d	23-May-16	30-May-16																									Form/Steel Rebars for Foundati...			
E-BER-RW-1070	Form/Steel Rebars for the Retaning Walls	7.00d	23-May-16	30-May-16																									Cast in Concrete for Foundatio...			
E-BER-RW-1100	Cast Reinforced Concrete for the Retaining Wallls	1.00d	31-May-16	31-May-16																									Concrete Curing for foundation			
E-BER-RW-1110	Deshuttering & Curing for the Retaining Wallls	7.00d	01-Jun-16	11-Jun-16																									Form/Steel Rebars for the Reta...			
E-BER-RW-1130	Furnish, Install Fence	2.00d	11-Jun-16	14-Jun-16																									Cast Reinforced Concrete for t...			
E-BER-RW-1190	Furnish and install drain piping, filter fabric and drain rock	5.00d	15-Jun-16	23-Jun-16																									Deshuttering & Curing for the ...			
<b>Retaining Wall - North</b>																																
E-BER-RW-1020	Excavation for Foundation, Leveling, Compacting Subgrade Layer	15.00d	12-May-16	29-May-16																									17-Jul-16, Retaining Wall - No...			
E-BER-RW-1090	Furnish and install lean concrete (blinding 100mm)	5.00d	30-May-16	04-Jun-16																									Excavation for Foundation, Lev...			
E-BER-RW-1120	Form/Steel Rebars for Foundation	4.00d	05-Jun-16	11-Jun-16																									Furnish and install lean concr...			
E-BER-RW-1140	Cast in Concrete for Foundation	1.00d	11-Jun-16	13-Jun-16																									Form/Steel Rebars for Foundati...			
E-BER-RW-1150	Concrete Curing for Foundation	7.00d	13-Jun-16	26-Jun-16																									Cast in Concrete for Foundatio...			
E-BER-RW-1160	Form/Steel Rebars for the Retaning Walls	6.00d	13-Jun-16	23-Jun-16																									Concrete Curing for Foundation			
E-BER-RW-1220	Cast Reinforced Concrete for the Retaining Wallls	1.00d	23-Jun-16	26-Jun-16																									Form/Steel Rebars for the Reta...			
E-BER-RW-1240	Deshuttering & Curing For Walls	7.00d	26-Jun-16	11-Jul-16																									Cast Reinforced Concrete for t...			
E-BER-RW-1290	Furnish, Install Fence	2.00d	11-Jul-16	13-Jul-16																									Deshuttering & Curing For Wall...			
E-BER-RW-1300	Furnish and install drain piping, filter fabric and drain rock	5.00d	11-Jul-16	17-Jul-16																									Furnish, Install Fence			
<b>Retaining Wall - South</b>																																
E-BER-RW-1080	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	29-Mar-16 A	30-Mar-16 A																									26-Jul-16, Retaining Wall - So...			
E-BER-RW-1170	Furnish and install lean concrete (blinding 100mm)	2.00d	02-Apr-16	03-Apr-16																									Excavation for Foundation, Lev...			
E-BER-RW-1200	Form/Steel Rebars for Foundation	7.00d	11-Jun-16	23-Jun-16																									Furnish and install lean concr...			
E-BER-RW-1250	Cast in Concrete for Foundation	1.00d	23-Jun-16	26-Jun-16																									Form/Steel Rebars for Foundati...			
E-BER-RW-1260	Concrete Curing for Foundation	7.00d	26-Jun-16	11-Jul-16																									Cast in Concrete for Foundatio...			
E-BER-RW-1270	Form/Steel Rebars for the Retaning Walls	7.00d	26-Jun-16	11-Jul-16																									Concrete Curing for Foundation			
E-BER-RW-1310	Cast Reinforced Concrete for the Retaining Wallls	1.00d	11-Jul-16	12-Jul-16																									Form/Steel Rebars for the Reta...			
E-BER-RW-1320	Deshuttering & Curing For Walls	7.00d	12-Jul-16	20-Jul-16																									Cast Reinforced Concrete for t...			
E-BER-RW-1330	Furnish, Install Fence	2.00d	20-Jul-16	23-Jul-16																									Deshuttering & Curing For Wall...			
E-BER-RW-1340	Furnish and install drain piping, filter fabric and drain rock	5.00d	20-Jul-16	26-Jul-16																									Furnish, Install Fence			
<b>Fence - West</b>																																
E-BER-RW-1380	Furnish, Install Fence	2.00d	23-Jul-16	25-Jul-16																									25-Jul-16, Fence - West			
<b>Disinfection Building</b>																													11-Apr-17, Disinfection Buildi...			
<b>Civil &amp; Structural Works</b>																																
E-BER-DIS-1010	Furnishing, leveling, and compacting of selected backfill	5.00d	21-Jun-16	30-Jun-16																									28-Feb-17, Civil & Structural ...			

█ Actual Work   
 █ Critical Remaining Work   
 ▾ Summary  
█ Remaining Work   
 ◆ Milestone















**TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II**

05-Apr-16 13:31



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
<b>Testing, Training and Commissioning</b>					<ul style="list-style-type: none"> <li>04-May-17, Testing, Training a...</li> <li>Cleaning, washing, testing and...</li> <li>Training</li> <li>O&amp;M Technical Manuals</li> <li>Site inspection/ Support/ Star...</li> <li>Testing and Commissioning of E...</li> <li>Testing and Commissioning of t...</li> </ul>																													
<b>Project 2, Construction of Ma'an Reservoir and Pumping Facilities:</b>					<ul style="list-style-type: none"> <li>17-Jun-17, Project 2, Construc...</li> <li>17-Jun-17, Construction of Ma...</li> </ul>																													
<b>Construction of Ma'an Facilities</b>					<ul style="list-style-type: none"> <li>26-Mar-17, Traffic Control Pla...</li> <li>08-May-17, Ma'an Booster Stati...</li> <li>04-Apr-17, Disinfection Buildi...</li> </ul>																													
<b>Traffic Control Plan and Safety measures</b>					<ul style="list-style-type: none"> <li>Implementation of Safety measu...</li> <li>Demolition, removal, clear and...</li> <li>Removal and disposal of roofin...</li> <li>Maintain of Traffic Control Pl...</li> </ul>																													
<b>Ma'an Booster Station</b>																																		
<b>Disinfection Building</b>																																		
<b>Civil &amp; Structural Works</b>					<ul style="list-style-type: none"> <li>28-Feb-17, Civil &amp; Structural ...</li> <li>Excavate to the required depth</li> <li>Furnishing, leveling, and comp...</li> <li>Furnish and install subgrade s...</li> <li>Furnish and install lean concr...</li> <li>Form/Steel Rebars for Foundati...</li> <li>Cast Concrete for Foundation</li> <li>Concrete Curing</li> <li>Form/Steel Rebars for Slab on ...</li> <li>Cast R.C. for the Slab on Grad...</li> <li>Concrete Curing</li> <li>Form/Steel Rebars for the Wall...</li> <li>Cast Reinforced Concrete for t...</li> <li>Concrete Curing</li> <li>Deshuttering &amp; Curing For Wall...</li> <li>Form/Steel Rebars for the Roof...</li> <li>Cast Reinforced Concrete for t...</li> <li>Concrete Curing</li> <li>Deshuttering for the Roof Slab...</li> </ul>																													
<b>Finishing Works</b>					<ul style="list-style-type: none"> <li>16-Mar-17, Finishing Works</li> <li>Furnish &amp; Install Interior &amp; E...</li> <li>Furnish &amp; Install Hatches, Ven...</li> <li>Apply Acrylic Coats for Exte...</li> <li>Furnish &amp; Install insulation, ...</li> <li>Furnish &amp; Install Furniture an...</li> <li>Furnish &amp; Install All Architec...</li> <li>Furnish &amp; Install Doors and Wi...</li> </ul>																													
<b>Mechanical Works</b>					<ul style="list-style-type: none"> <li>22-Mar-17, Mechanical Works</li> <li>Furnish &amp; Install of Utility P...</li> <li>Furnish and install sodium hyp...</li> <li>Clean and pressure test utilit...</li> <li>Furnish &amp; Install Miscellaneou...</li> </ul>																													
<b>Electrical &amp; Instrumentation Works</b>					<ul style="list-style-type: none"> <li>04-Apr-17, Electrical &amp; Instru...</li> </ul>																													

█ Actual Work   
 █ Critical Remaining Work   
 ▾ Summary  
█ Remaining Work   
 ◆ Milestone













# Annex D - Progress S Curve

S – Curve is based on the resubmitted CPM schedule on March 28, 2016



UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT - WEST BANK / GAZA

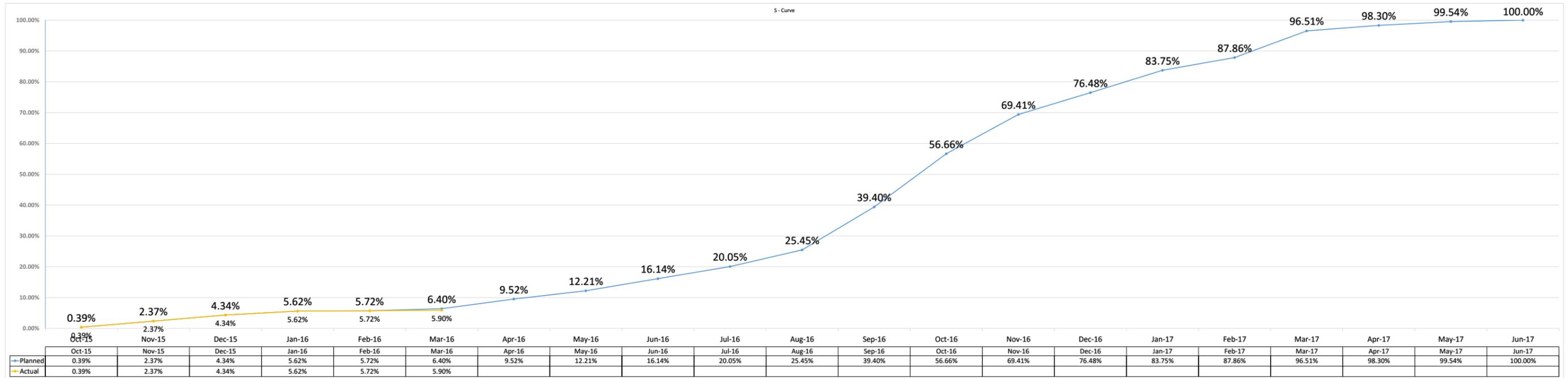
CONTRACT NO. AID-294-I-12-00002

TASK ORDER NO. AID-294-TO-15-00009

GAZA - CONSTRUCTION OF RESERVOIRS AND PUMPING FACILITIES PACKAGE II

S-Curve

Date	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Planned Value	\$ 27,413.24	\$ 137,063.21	\$ 137,069.21	\$ 88,836.66	\$ 6,574.28	\$ 47,301.62	\$ 216,660.80	\$ 186,731.18	\$ 272,966.63	\$ 271,586.08	\$ 374,852.62	\$ 967,968.57	\$ 1,198,067.09	\$ 885,082.26	\$ 490,908.44	\$ 504,670.18	\$ 285,340.24	\$ 600,848.03	\$ 124,098.39	\$ 86,092.57	\$ 31,815.17
Planned Value (Accumulative)	\$ 27,413.24	\$ 164,476.45	\$ 301,545.66	\$ 390,382.32	\$ 396,956.60	\$ 444,258.22	\$ 660,919.02	\$ 847,650.20	\$ 1,120,616.83	\$ 1,392,202.91	\$ 1,767,055.53	\$ 2,735,024.10	\$ 3,933,091.19	\$ 4,818,173.45	\$ 5,309,081.89	\$ 5,813,752.07	\$ 6,099,092.31	\$ 6,699,940.34	\$ 6,824,038.73	\$ 6,910,131.30	\$ 6,941,946.47
Planned %	0.39%	1.97%	1.97%	1.28%	0.09%	0.68%	3.12%	2.69%	3.93%	3.91%	5.40%	13.94%	17.26%	12.75%	7.07%	7.27%	4.11%	8.66%	1.79%	1.24%	0.46%
Planned % (Accumulative)	0.39%	2.37%	4.34%	5.62%	5.72%	6.40%	9.52%	12.21%	16.14%	20.05%	25.45%	39.40%	56.66%	69.41%	76.48%	83.75%	87.86%	96.51%	98.30%	99.54%	100.00%
Actual Value	\$ 27,413.24	\$ 137,063.21	\$ 137,069.21	\$ 88,836.66	\$ 6,574.28	\$ 12,322.98															
Actual Value (Accumulative)	\$ 27,413.24	\$ 164,476.45	\$ 301,545.66	\$ 390,382.32	\$ 396,956.60	\$ 409,279.58															
Actual %	0.39%	1.97%	1.97%	1.28%	0.09%	0.18%															
Actual % (Accumulative)	0.39%	2.37%	4.34%	5.62%	5.72%	5.90%															



# Annex E - Site Memos Log

**a. Project 01: Al Berkah**

SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-BER-C-E-001	BER	Walkthrough for Al Berkah Supply Line 1, Supply Line 2 & Distribution Line	March 15, 2016	Record of Joint Walkthrough	

**b. Project 02: Ma'an**

None issued during this reporting period

# Annex F - Inspection Request Log

### Project 01: Al Berkah IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st In- spec- tion	2nd In- spec- tion	Re- marks
1	IR-15-00009-BER-001-A	A	Installation of the project temporary sign	January 5, 2016	January 6, 2016	A		
2	IR-15-00009-BER-002-A	A	Engineer's Primary Field Office furniture	January 12, 2016	January 12, 2016	A		
3	IR-15-00009-BER-003-A	A	The Storage Yard	January 14, 2016	January 14, 2016	A		
4	IR-15-00009-BER-004-A	A	Field Office Computer systems and Miscellaneous	January 18, 2016	January 18, 2016	A		
5	IR-15-00009-BER-005-A	A	Reservoir Drain Pipe & Fittings	March 10, 2016	March 13, 2016	C		
6	IR-15-00009-BER-005-B	B	Reservoir Drain Pipe & Fittings	March 23, 2016	March 24, 2016	A		
7	IR-15-00009-BER-006-A	A	Traffic Plan in Al Berkah Site	March 26, 2016	March 27, 2016	A		
8	IR-15-00009-BER-007-A	A	Excavation for Retaining wall from segment 8 to segment 9 to the required design level	March 27, 2016	March 28, 2016	A		
9	IR-15-00009-BER-008-A	A	Formation level for Retaining wall from segment 8 to segment 9.	March 30, 2016	March 31, 2016	A		

### Project 02: Ma'an IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st In-pection	2nd In-pection	Re-remarks
1	IR-15-00009-MAN-001-A	A	Installation of the project temporary sign	January 5, 2016	January 6, 2016	A		
2	IR-15-00009-MAN-002-A	A	Engineer's Primary Field Office furniture	January 12, 2016	January 12, 2016	C		
3	IR-15-00009-MAN-002-B	B	Engineer's Primary Field Office furniture	January 18, 2016	January 18, 2016	A		
4	IR-15-00009-MAN-003-A	A	The Storage Yard	January 14, 2016	January 14, 2016	A		
5	IR-15-00009-MAN-004-A	A	Field Office Computer systems and Miscellaneous	January 18, 2016	January 18, 2016	A		
6	IR-15-00009-MAN-005-A	A	Demolition of Existing Ware House	February 4, 2016	February 4, 2016	A		
7	IR-15-00009-MAN-006-A	A	Reservoir Drain Pipe & Fittings	March 10, 2016	March 13, 2016	C		
8	IR-15-00009-MAN-006-B	B	Reservoir Drain Pipe & Fittings	March 24, 2016	March 24, 2016	A		
9	IR-15-00009-MAN-007-A	A	Excavation for Ma'an Reservoir foundation to the required design level	March 26, 2016	March 26, 2016	A		
10	IR-15-00009-MAN-008-A	A	Traffic Plan in Ma'an Site	March 27, 2016	March 27, 2016	C		

# Annex G - Submittal Log

**USAID WEST BANK/GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
Construction Of Gaza Reservoirs and Pumping Facilities  
Contract No. : AID-294-I-00-12-00002  
Task Order No. : AID-294-TO-15-00009**



**SUBMITTALS LOG**

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
1	SUB-15-00009-GAZII-001-A	A	Bank Guarantee Certificate	Preconstruction	November 11, 2015	November 12, 2015	November 23, 2015	E
2	SUB-15-00009-GAZII-002-A	A	Scheduling Qualification Submittal	Preconstruction	November 11, 2015	November 12, 2015	November 23, 2015	A
3	SUB-15-00009-GAZII-003-A	A	Temporary Project Signs	Preconstruction	November 11, 2015	November 12, 2015	November 30, 2015	B
4	SUB-15-00009-GAZII-003-B	B	Temporary Project Signs	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
5	SUB-15-00009-GAZII-004-A	A	Lists of Permits and License	Preconstruction	November 15, 2015	November 16, 2015	November 23, 2015	C
6	SUB-15-00009-GAZII-004-B	B	Lists of Permits and License	Preconstruction	December 16, 2015	December 17, 2015	December 30, 2015	A
7	SUB-15-00009-GAZII-005-A	A	Engineer's Computer Systems & Miscellaneous	Preconstruction	November 16, 2015	November 16, 2015	November 23, 2015	C
8	SUB-15-00009-GAZII-005-B	B	Engineer's Computer Systems & Miscellaneous	Preconstruction	December 3, 2015	December 6, 2015	December 15, 2015	B
9	SUB-15-00009-GAZII-005-C	C	Engineer's Computer Systems & Miscellaneous	Preconstruction	February 17, 2016	February 17, 2016	February 18, 2016	A
10	SUB-15-00009-GAZII-006-A	A	General Construction Method Statement	Preconstruction	November 19, 2015	November 22, 2015	December 17, 2015	C
11	SUB-15-00009-GAZII-006-B	B	General Construction Method Statement	Preconstruction	December 29, 2015	December 30, 2015	January 27, 2016	B
12	SUB-15-00009-GAZII-007-A	A	Engineer's Offices Furniture	Preconstruction	November 19, 2015	November 22, 2015	November 23, 2015	B
13	SUB-15-00009-GAZII-007-B	B	Engineer's Offices Furniture	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
14	SUB-15-00009-GAZII-008-A	A	Preliminary Progress Schedule Submittal	Preconstruction	November 19, 2015	November 22, 2015	December 14, 2015	B
15	SUB-15-00009-GAZII-009-A	A	Engineer's Primary Field Office	Preconstruction	November 19, 2015	November 22, 2015	December 1, 2015	B
16	SUB-15-00009-GAZII-009-B	B	Engineer's Primary Field Office	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
17	SUB-15-00009-GAZII-010-A	A	Engineer's Secondary Field Office	Preconstruction	November 19, 2015	November 22, 2015	December 6, 2015	B
18	SUB-15-00009-GAZII-010-B	B	Engineer's Secondary Field Office	Preconstruction	January 3, 2016	January 3, 2016	January 17, 2016	A
19	SUB-15-00009-GAZII-011-A	A	Storage Yard	Preconstruction	November 19, 2015	November 22, 2015	December 6, 2015	C
20	SUB-15-00009-GAZII-011-B	B	Storage Yard Layout	Preconstruction	December 14, 2015	December 15, 2015	December 28, 2015	A

A = No Exceptions Noted      C = Returned For Correction  
B = Exceptions Noted      D = Not Acceptable      E = Record Copy

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
21	SUB-15-00009-GAZII-011-C	€	Storage Yard Layout	Preconstruction	January 3, 2016	January 3, 2016	January 6, 2016	Retracked
22	SUB-15-00009-GAZII-011-C	C	Storage Yard Layout	Preconstruction	January 6, 2016	January 7, 2016	January 17, 2016	A
23	SUB-15-00009-MAN-012-A	A	Dilapidation Report to distribution pipeline from Sta 1+000 to Sta. 1+106 at Ma'an)	Preconstruction	November 22, 2015	November 23, 2015	December 14, 2015	B
24	SUB-15-00009-MAN-012-B	B	Dilapidation Report to distribution pipeline from Sta 1+000 to Sta. 1+106 at Ma'an)	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
25	SUB-15-00009-GAZII-013-A	A	Shop Drawings Frame	Shop drawing - Civil	November 26, 2015	November 26, 2015	November 30, 2015	A
26	SUB-15-00009-GAZII-014-A	A	Temporary Project Signs Location	Preconstruction	November 28, 2015	November 29, 2015	November 30, 2015	B
27	SUB-15-00009-GAZII-014-B	B	Temporary Project Signs Location	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
28	SUB-15-00009-GAZII-015-A	A	Project Insurance Policy	Preconstruction	November 28, 2015	November 29, 2015	December 8, 2015	E
29	SUB-15-00009-GAZII-016-A	A	Third Party Testing Labs	Preconstruction	November 29, 2015	November 30, 2015	December 8, 2015	C
30	SUB-15-00009-GAZII-016-B	B	Third Party Testing Labs	Preconstruction	December 26, 2015	December 27, 2015	January 7, 2016	A
31	SUB-15-00009-BER-017-A	A	Dilapidation Survey : Al-Berkah Reservoir and Pumping Facilities	Preconstruction	December 1, 2015	December 2, 2015	December 8, 2015	B
32	SUB-15-00009-BER-017-B	B	Dilapidation Survey : Al-Berkah Reservoir and Pumping Facilities	Preconstruction	February 17, 2016	February 17, 2016	March 2, 2016	A
33	SUB-15-00009-GAZII-018-A	A	Expandable Water Stop	Civil Material	December 3, 2015	December 6, 2015	December 14, 2015	B
34	SUB-15-00009-GAZII-018-B	B	Expandable Water Stop	Civil Material	February 17, 2016	February 17, 2016	March 8, 2016	A
35	SUB-15-00009-GAZII-019-A	A	PVC Water Stop	Civil Material	December 3, 2015	December 6, 2015	December 14, 2015	B
36	SUB-15-00009-GAZII-019-B	B	PVC Water Stop	Civil Material	February 17, 2016	February 17, 2016	March 7, 2016	A
37	SUB-15-00009-GAZII-020-A	A	PVC Pipes & Fittings	Mechanical Material	December 3, 2015	December 6, 2015	December 28, 2015	C
38	SUB-15-00009-GAZII-020-B	B	PVC Pipes & Fittings	Mechanical Material	January 13, 2016	January 14, 2016	January 27, 2016	B
39	SUB-15-00009-GAZII-020-C	C	PVC Pipes & Fittings	Mechanical Material	February 14, 2016	February 14, 2016	February 28, 2016	A
40	SUB-15-00009-GAZII-021-A	A	Stainless Steel spool	Mechanical Material	December 3, 2015	December 6, 2015	December 14, 2015	C
41	SUB-15-00009-GAZII-021-B	B	Stainless Steel spool	Mechanical Material	January 3, 2016	January 3, 2016	January 18, 2016	C
42	SUB-15-00009-GAZII-021-C	C	Stainless Steel spool	Mechanical Material	January 24, 2016	January 24, 2016	February 3, 2016	A
43	SUB-15-00009-GAZII-022-A	A	<b>Perforated pipe</b> Product Name: Super Kiz Manufacturer : Eliyahou Plastics Ltd	Mechanical Material	December 6, 2015	December 7, 2015	December 16, 2015	B

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44	SUB-15-00009-GAZII-022-B	B	<b>Perforated pipe</b> Product Name: Super Kiz Manufacturer : Eliyahou Plastics Ltd	Mechanical Material	March 16, 2016	March 16, 2016	March 22, 2016	A
45	SUB-15-00009-GAZII-023-A	A	Traffic Control Plan	Preconstruction	December 6, 2015	December 7, 2015	December 23, 2015	C
46	SUB-15-00009-GAZII-023-B	B	Traffic Control Plan	Preconstruction	January 17, 2016	January 17, 2016	January 31, 2016	C
47	SUB-15-00009-GAZII-023-C	C	Traffic Control Plan	Preconstruction	February 10, 2016	February 10, 2016	February 14, 2016	A
48	SUB-15-00009-GAZII-024-A	A	Dumping Site	Preconstruction	December 8, 2015	December 9, 2015	December 14, 2015	A
49	SUB-15-00009-GAZII-025-A	A	Butterfly Valve	Mechanical Material	December 8, 2015	December 9, 2015	December 21, 2015	C
50	SUB-15-00009-GAZII-025-B	B	Butterfly Valve	Mechanical Material	December 29, 2015	December 30, 2015	January 24, 2016	C
51	SUB-15-00009-GAZII-025-C	C	Butterfly Valve	Mechanical Material	January 31, 2016	January 31, 2016	February 17, 2016	C
52	SUB-15-00009-GAZII-025-D	D	Butterfly Valve	Mechanical Material	February 23, 2016	February 23, 2016	March 1, 2016	A
53	SUB-15-00009-BER-026-A	A	Al Berkah Survey Grid & Contour Lines Shop Drawings	Shop drawing - Civil	December 8, 2015	December 9, 2015	December 30, 2015	A
54	SUB-15-00009-MAN-027-A	A	Ma'an Survey Grid & Contour Lines Shop Drawings	Shop drawing - Civil	December 8, 2015	December 9, 2015	December 30, 2015	A
55	SUB-15-00009-GAZII-028-A	A	Ready Mix Concrete Plant The Arab Contacting & Concrete Industries Co.(ACCI)	Civil Material	December 10, 2015	December 10, 2015	December 23, 2015	E
56	SUB-15-00009-GAZII-029-A	A	Reinforcement Steel Manufactures	Civil Material	December 10, 2015	December 10, 2015	December 15, 2015	E
57	SUB-15-00009-GAZII-030-A	A	Sanad Construction Industries Cement Supplier	Civil Material	December 10, 2015	December 10, 2015	December 15, 2015	E
58	SUB-15-00009-GAZII-031-A	A	Grounding system materials	Electrical Material	December 10, 2015	December 10, 2015	December 25, 2015	B
59	SUB-15-00009-GAZII-031-B	B	Grounding system materials	Electrical Material	February 7, 2016	February 7, 2016	February 16, 2016	A
60	SUB-15-00009-GAZII-032-A	A	Environmental Monitoring & Mitigation Plan	Preconstruction	December 13, 2015	December 13, 2015	December 16, 2015	C
61	SUB-15-00009-GAZII-032-B	B	Environmental Monitoring & Mitigation Plan	Preconstruction	December 23, 2015	December 13, 2015	January 5, 2016	B
62	SUB-15-00009-GAZII-032-C	C	Environmental Monitoring & Mitigation Plan	Preconstruction	February 17, 2016	December 13, 2015	February 23, 2016	A
63	SUB-15-00009-GAZII-033-A	A	Warning Tape	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
64	SUB-15-00009-GAZII-033-B	B	Warning Tape	Electrical Material	January 5, 2016	January 5, 2016	January 13, 2016	A
65	SUB-15-00009-GAZII-034-A	A	Main Distribution Board	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	C
66	SUB-15-00009-GAZII-034-B	B	Main Distribution Board	Electrical Material	January 24, 2016	January 24, 2016	February 16, 2016	A

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67	SUB-15-00009-GAZII-035-A	A	SDB Distribution Board & Load Schedule	Electrical Material	December 13, 2015	December 13, 2015	January 3, 2016	C
68	SUB-15-00009-GAZII-035-B	B	SDB Distribution Board & Load Schedule	Electrical Material	January 24, 2016	January 24, 2016	February 16, 2016	C
69	SUB-15-00009-GAZII-035-C	C	SDB Distribution Board & Load Schedule	Electrical Material	February 21, 2016	February 21, 2016	February 23, 2016	A
70	SUB-15-00009-GAZII-036-A	A	Cable Ladder	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	B
71	SUB-15-00009-GAZII-036-B	B	Cable Ladder	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
72	SUB-15-00009-GAZII-037-A	A	Cable Lugs	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
73	SUB-15-00009-GAZII-037-B	B	Cable Lugs	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
74	SUB-15-00009-GAZII-038-A	A	Colored PVC Pipe	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
75	SUB-15-00009-GAZII-038-B	B	Colored PVC Pipe	Electrical Material	February 15, 2016	February 15, 2016	February 17, 2016	A
76	SUB-15-00009-GAZII-039-A	A	Disconnect Switch	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
77	SUB-15-00009-GAZII-039-B	B	Disconnect Switch	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
78	SUB-15-00009-GAZII-040-A	A	Disconnect Switch for Pumps	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	B
79	SUB-15-00009-GAZII-040-B	B	Disconnect Switch for Pumps	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
80	SUB-15-00009-GAZII-041-A	A	Gland Cable	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	A
81	SUB-15-00009-GAZII-042-A	A	Flexible Conduit	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
82	SUB-15-00009-GAZII-042-B	B	Flexible Conduit	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
83	SUB-15-00009-GAZII-043-A	A	Metal Box	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
84	SUB-15-00009-GAZII-043-B	B	Metal Box	Electrical Material	February 7, 2016	February 7, 2016	February 25, 2016	A
85	SUB-15-00009-GAZII-044-A	A	Power Cable	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
86	SUB-15-00009-GAZII-044-B	B	Power Cable	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
87	SUB-15-00009-GAZII-045-A	A	Solvent Cement For PVC Systems	Electrical Material	December 13, 2015	December 13, 2015	December 30, 2015	A
88	SUB-15-00009-GAZII-046-A	A	PVC Fittings - Electrical	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
89	SUB-15-00009-GAZII-046-B	B	PVC Fittings - Electrical	Electrical Material	January 6, 2016	January 7, 2016	January 13, 2016	C
90	SUB-15-00009-GAZII-046-C	C	PVC Fittings - Electrical	Electrical Material	January 28, 2016	January 28, 2016	February 7, 2016	A

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91	SUB-15-00009-GAZII-047-A	A	PVC Pipe - Electrical	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
92	SUB-15-00009-GAZII-047-B	B	PVC Pipe - Electrical	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
93	SUB-15-00009-GAZII-048-A	A	Receptacles & Switches	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
94	SUB-15-00009-GAZII-048-B	B	Receptacles & Switches	Electrical Material	February 15, 2016	February 15, 2016	February 23, 2016	B
95	SUB-15-00009-GAZII-049-A	A	Conduits for Electrical works (Galvanized Steel Pipes )	Electrical Material	December 13, 2015	December 14, 2015	December 30, 2015	A
96	SUB-15-00009-GAZII-050-A	A	Steel Light Pole	Electrical Material	December 13, 2015	December 14, 2015	January 3, 2016	C
97	SUB-15-00009-GAZII-050-B	B	Steel Light Pole	Electrical Material	January 24, 2016	January 24, 2016	February 3, 2016	A
98	SUB-15-00009-GAZII-051-A	A	Gate Valves & Gear Boxes	Mechanical Material	December 13, 2015	December 14, 2015	December 25, 2015	C
99	SUB-15-00009-GAZII-051-B	B	Gate Valves & Gear Boxes	Mechanical Material	January 3, 2016	January 3, 2016	January 24, 2016	C
100	SUB-15-00009-GAZII-051-C	C	Gate Valves & Gear Boxes	Mechanical Material	January 27, 2016	January 27, 2016	February 14, 2016	A
101	SUB-15-00009-BER-052-A	A	Dilapidation Survey : Al-Berkah Yard	Preconstruction	December 14, 2015	December 15, 2015	December 23, 2015	A
102	SUB-15-00009-MAN-053-A	A	Dilapidation Survey : Ma'an Yard	Preconstruction	December 14, 2015	December 15, 2015	December 23, 2015	A
103	SUB-15-00009-GAZII-054-A	A	Construction Risk Management Program	Preconstruction	December 14, 2015	December 15, 2015	December 30, 2015	C
104	SUB-15-00009-GAZII-054-B	B	Construction Risk Management Program	Preconstruction	January 9, 2016	January 10, 2016	January 18, 2016	A
105	SUB-15-00009-GAZII-055-A	A	Lighting –Fixtures	Electrical Material	December 14, 2015	December 15, 2015	January 4, 2016	B
106	SUB-15-00009-GAZII-055-B	B	Lighting –Fixtures	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
107	SUB-15-00009-GAZII-056-A	A	Engine generator -250KW	Electrical Material	December 15, 2015	December 16, 2015	January 3, 2016	C
108	SUB-15-00009-GAZII-056-B	B	Engine generator -250KW	Electrical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
109	SUB-15-00009-GAZII-056-C	C	Engine generator -250KW	Electrical Material	February 11, 2016	February 11, 2016	February 25, 2016	C
110	SUB-15-00009-GAZII-056-D	D	Engine generator -250KW	Electrical Material	March 27, 2016	March 27, 2016		Under Review
111	SUB-15-00009-GAZII-057-A	A	PVC Box ( ELECTRICAL)	Electrical Material	December 15, 2015	December 16, 2015	December 30, 2015	A
112	SUB-15-00009-GAZII-058-A	A	1" & 2" Combination Air Valves	Mechanical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
113	SUB-15-00009-GAZII-058-B	B	2" Combination Air Valves	Mechanical Material	January 17, 2016	January 17, 2016	January 27, 2016	A
114	SUB-15-00009-GAZII-059-A	A	3" & 4" Combination Air Valves	Mechanical Material	December 15, 2015	December 16, 2015	January 11, 2016	C

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115	SUB-15-00009-GAZII-059-B	B	3" & 4" Combination Air Valves	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
116	SUB-15-00009-GAZII-060-A	A	Ball Valves DN50 & Smaller	Mechanical Material	December 15, 2015	December 16, 2015	December 30, 2015	B
117	SUB-15-00009-GAZII-060-B	B	Ball Valves DN50 & Smaller	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
118	SUB-15-00009-GAZII-061-A	A	Electromagnetic Flow Meter	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
119	SUB-15-00009-GAZII-062-A	A	Pressure Level Transmitters	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 7, 2016	C
120	SUB-15-00009-GAZII-063-A	A	Back Flow Preventer	Mechanical Material	December 15, 2015	December 16, 2015	January 3, 2016	A
121	SUB-15-00009-GAZII-064-A	A	Float Level Switch	Mechanical Material	December 16, 2015	December 17, 2015	December 30, 2015	A
122	SUB-15-00009-GAZII-065-A	A	Flow Switch	Mechanical & Electrical Material	December 16, 2015	December 17, 2015	December 30, 2015	B
123	SUB-15-00009-GAZII-065-B	B	Flow Switch	Mechanical & Electrical Material	February 14, 2016	February 14, 2016	February 23, 2016	A
124	SUB-15-00009-GAZII-066-A	A	Pipe Expansion Joint- Mechanical	Mechanical Material	December 16, 2015	December 17, 2015	January 11, 2016	C
125	SUB-15-00009-GAZII-066-B	B	Pipe Expansion Joint- Mechanical	Mechanical Material	January 19, 2016	January 21, 2016	January 31, 2016	A
126	SUB-15-00009-GAZII-067-A	A	Ready Mix Concrete Plant ( Al-Taawn ready mix concrete )	Civil Material	December 16, 2015	December 17, 2015	December 28, 2015	E
127	SUB-15-00009-GAZII-068-A	A	Control & Signal Cable – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	D
128	SUB-15-00009-GAZII-068-B	B	Control & Signal Cable – Electrical	Electrical Material	March 29, 2016	March 29, 2016		Under Review
129	SUB-15-00009-GAZII-069-A	A	Data cable –CAT 6A – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	C
130	SUB-15-00009-GAZII-070-A	A	Installation Wire – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
131	SUB-15-00009-GAZII-071-A	A	Intrusion System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
132	SUB-15-00009-GAZII-072-A	A	Fire Alarm System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	C
133	SUB-15-00009-GAZII-072-B	B	Fire Alarm System – Electrical	Electrical Material	February 11, 2016	February 11, 2016	February 23, 2016	C
134	SUB-15-00009-GAZII-073-A	A	Key Personnel	Preconstruction	December 20, 2015	December 21, 2015	December 28, 2015	E
135	SUB-15-00009-GAZII-074-A	A	Submittals Schedule	Preconstruction	December 20, 2015	December 21, 2015	January 3, 2016	B
136	SUB-15-00009-GAZII-075-A	A	Quality Control Program (QCP)	Preconstruction	December 20, 2015	December 21, 2015	January 17, 2016	C
137	SUB-15-00009-GAZII-075-B	B	Quality Control Program (QCP)	Preconstruction	January 28, 2016	January 28, 2016	February 16, 2016	B
138	SUB-15-00009-GAZII-076-A	A	Safety Plane	Preconstruction	December 23, 2015	December 21, 2015	January 11, 2016	C

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139	SUB-15-00009-GAZII-076-B	B	Safety Plane	Preconstruction	January 13, 2016	January 14, 2016	January 31, 2016	A
140	SUB-15-00009-GAZII-077-A	A	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	D
141	SUB-15-00009-GAZII-078-A	A	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	D
142	SUB-15-00009-GAZII-078-B	B	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	February 11, 2016	February 11, 2016	February 28, 2016	D
143	SUB-15-00009-GAZII-079-A	A	Strainer	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	C
144	SUB-15-00009-GAZII-079-B	B	Strainer	Mechanical Material	January 17, 2016	January 17, 2016	January 26, 2016	A
145	SUB-15-00009-GAZII-080-A	A	Pressure Gauges & Snubbers	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	C
146	SUB-15-00009-GAZII-080-B	B	Pressure Gauges & Snubbers	Mechanical Material	February 25, 2016	February 25, 2016	March 15, 2016	C
147	SUB-15-00009-GAZII-081-A	A	Disinfection System Instruments	Mechanical & Electrical Material	December 23, 2015	December 23, 2015	January 17, 2016	C
148	SUB-15-00009-GAZII-081-B	B	Disinfection System Instruments	Mechanical & Electrical Material	January 27, 2016	January 27, 2016	February 23, 2016	C
149	SUB-15-00009-GAZII-081-C	C	Disinfection System Instruments	Mechanical & Electrical Material	March 20, 2016	March 20, 2016	March 29, 2016	C
150	SUB-15-00009-GAZII-081-D	D	Disinfection System Instruments	Mechanical & Electrical Material	March 31, 2016	March 31, 2016		Under Review
151	SUB-15-00009-GAZII-082-A	A	Flap Valve	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	B
152	SUB-15-00009-GAZII-082-B	B	Flap Valve	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
153	SUB-15-00009-GAZII-083-A	A	Plumping Fixtures	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	A
154	SUB-15-00009-GAZII-084-A	A	Original CPM Schedule Submittal	Preconstruction	December 27, 2015	December 27, 2015	January 24, 2016	C
155	SUB-15-00009-GAZII-084-B	B	Original CPM Schedule Submittal	Preconstruction	March 1, 2016	March 1, 2016	March 21, 2016	C
156	SUB-15-00009-GAZII-084-C	C	Original CPM Schedule Submittal	Preconstruction	March 28, 2016	March 28, 2016		Under Review
157	SUB-15-00009-BER-085-A	A	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	December 29, 2015	December 30, 2015	January 11, 2016	C
158	SUB-15-00009-BER-085-B	B	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	January 26, 2016	January 27, 2016	February 23, 2016	B
159	SUB-15-00009-BER-085-C	C	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	March 13, 2016	March 13, 2016	March 23, 2016	A
160	SUB-15-00009-MAN-086-A	A	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	December 29, 2015	December 30, 2015	January 11, 2016	C
161	SUB-15-00009-MAN-086-B	B	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	January 27, 2016	January 27, 2016	February 23, 2016	B

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162	SUB-15-00009-MAN-086-C	C	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	March 13, 2016	March 13, 2016	March 23, 2016	A
163	SUB-15-00009-GAZII-087-A	A	Concrete Mix Design Class B35 Cylinder	Civil Material	January 3, 2016	January 3, 2016	January 11, 2016	C
164	SUB-15-00009-GAZII-087-B	B	Concrete Mix Design Class B35 Cylinder	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
165	SUB-15-00009-GAZII-088-A	A	Concrete Mix Design Class B20, B25, B30 &B35	Civil Material	January 3, 2016	January 3, 2016	January 17, 2016	C
166	SUB-15-00009-GAZII-088-B	B	Concrete Mix Design Class B20, B25, B30 &B35	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
167	SUB-15-00009-GAZII-089-A	A	Security Plan	Preconstruction	January 5, 2016	January 5, 2016	January 11, 2016	C
168	SUB-15-00009-GAZII-089-B	B	Security Plan	Preconstruction	January 19, 2016	January 21, 2016	January 26, 2016	E
169	SUB-15-00009-GAZII-090-A	A	Subcontractor Profile	Preconstruction	January 6, 2016	January 7, 2016	January 11, 2016	C
170	SUB-15-00009-GAZII-090-B	B	Subcontractor Profile	Preconstruction	January 17, 2016	January 17, 2016	January 21, 2016	E
171	SUB-15-00009-BER-091-A	A	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	January 13, 2016	January 14, 2016	February 9, 2016	C
172	SUB-15-00009-BER-091-B	B	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	February 17, 2016	February 17, 2016	March 14, 2016	C
173	SUB-15-00009-BER-091-C	C	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	March 16, 2016	March 16, 2016	March 21, 2016	B
174	SUB-15-00009-BER-091-D	D	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	March 21, 2016	March 21, 2016		Under Review
175	SUB-15-00009-GAZII-092-A	A	Check valve	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
176	SUB-15-00009-GAZII-093-A	A	Tapping saddles	Mechanical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
177	SUB-15-00009-GAZII-093-B	B	Tapping saddles	Mechanical Material	February 11, 2016	February 11, 2016	March 1, 2016	A
178	SUB-15-00009-GAZII-094-A	A	Formwork System	Civil Material	January 19, 2016	January 21, 2016	February 10, 2016	C
179	SUB-15-00009-GAZII-094-B	B	Formwork System (Reservoir Walls)	Civil Material	February 11, 2016	February 11, 2016	February 28, 2016	E
180	SUB-15-00009-MAN-095-A	A	MAAN Vertical Turbine Booster Pumps	Mechanical Material	January 19, 2016	January 21, 2016	January 31, 2016	C
181	SUB-15-00009-BER-096-A	A	Al Berkah Vertical Turbine Booster Pumps	Mechanical Material	January 19, 2016	January 21, 2016	February 1, 2016	C
182	SUB-15-00009-GAZII-097-A	A	Main Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 17, 2016	C

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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
183	SUB-15-00009-GAZII-097-B	B	Main Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	February 23, 2016	A
184	SUB-15-00009-GAZII-098-A	A	Sub Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 16, 2016	C
185	SUB-15-00009-GAZII-098-B	B	Sub Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	March 3, 2016	A
186	SUB-15-00009-GAZII-099-A	A	Dismantling Joint	Mechanical Material	January 21, 2016	January 21, 2016	February 3, 2016	A
187	SUB-15-00009-GAZII-100-A	A	Grounding manhole	Electrical Material	January 21, 2016	January 21, 2016	January 28, 2016	A
188	SUB-15-00009-GAZII-101-A	A	Ductile iron pipe and fittings	Mechanical Material	January 21, 2016	January 21, 2016	February 8, 2016	C
189	SUB-15-00009-GAZII-101-B	B	Ductile iron pipe and fittings	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
190	SUB-15-00009-GAZII-101-C	C	Ductile iron pipe and fittings	Mechanical Material	March 9, 2016	March 9, 2016	March 15, 2016	C
191	SUB-15-00009-GAZII-101-D	D	Ductile iron pipe and fittings	Mechanical Material	March 24, 2016	March 24, 2016		Under Review
192	SUB-15-00009-GAZII-102-A	A	Reservoirs Drain Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	January 31, 2016	B
193	SUB-15-00009-GAZII-103-A	A	Stainless steel pipes inside water tank	Mechanical Material	January 24, 2016	January 24, 2016	February 16, 2016	C
194	SUB-15-00009-GAZII-103-B	B	Stainless steel pipes inside water tank	Mechanical Material	February 23, 2016	February 23, 2016	March 1, 2016	B
195	SUB-15-00009-GAZII-103-C	C	Stainless steel pipes inside water tank	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
196	SUB-15-00009-GAZII-104-A	A	Steel & Stainless Steel Pipes Gaskets	Mechanical Material	January 24, 2016	January 24, 2016	February 3, 2016	A
197	SUB-15-00009-GAZII-105-A	A	Plumping Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
198	SUB-15-00009-GAZII-105-B	B	Plumping Pipes and Fittings	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	C
199	SUB-15-00009-GAZII-106-A	A	Flanged Ball Valves	Mechanical Material	January 24, 2016	January 24, 2016	February 8, 2016	C
200	SUB-15-00009-GAZII-106-B	B	Flanged Ball Valves	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
201	SUB-15-00009-GAZII-107-A	A	Polyethylene Storage Tanks	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
202	SUB-15-00009-GAZII-107-B	B	Polyethylene Storage Tanks	Mechanical Material	February 17, 2016	February 17, 2016	February 28, 2016	C
203	SUB-15-00009-GAZII-107-C	C	Polyethylene Storage Tanks	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
204	SUB-15-00009-GAZII-108-A	A	Ultraviolet (UV) Water Purifier- Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A

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205	SUB-15-00009-GAZII-109-A	A	Solar Collection System	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
206	SUB-15-00009-GAZII-110-A	A	Water Copper Tube	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
207	SUB-15-00009-GAZII-111-A	A	Mechanical Coupling	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	C
208	SUB-15-00009-GAZII-112-A	A	HAVC Copper Tube - Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
209	SUB-15-00009-GAZII-113-A	A	Water Drain Bottle Trap	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
210	SUB-15-00009-BER-114-A	A	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	January 26, 2016	January 26, 2016	February 14, 2016	C
211	SUB-15-00009-BER-114-B	B	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	February 28, 2016	February 28, 2016	March 13, 2016	B
212	SUB-15-00009-BER-114-C	C	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	March 16, 2016	March 16, 2016	March 23, 2016	A
213	SUB-15-00009-MAN-115-A	A	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	January 26, 2016	January 26, 2016	February 14, 2016	C
214	SUB-15-00009-MAN-115-B	B	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	February 28, 2016	February 28, 2016	March 13, 2016	B
215	SUB-15-00009-MAN-115-C	C	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	March 16, 2016	March 16, 2016	March 23, 2016	A
216	SUB-15-00009-BER-116-A	A	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	January 26, 2016	January 26, 2016	February 16, 2016	C
217	SUB-15-00009-BER-116-B	B	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 29, 2016	C
218	SUB-15-00009-MAN-117-A	A	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	January 26, 2016	January 26, 2016	February 16, 2016	C
219	SUB-15-00009-MAN-117-B	B	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 29, 2016	C
220	SUB-15-00009-MAN-118-A	A	Method Statement warehouse Demolition Ma'an	Method Statement	January 27, 2016	January 27, 2016	January 31, 2016	Retracked
221	SUB-15-00009-MAN-118-A	A	Method Statement warehouse Demolition Ma'an	Method Statement	January 31, 2016	January 31, 2016	February 3, 2016	A
222	SUB-15-00009-GAZII-119-A	A	Meridur Pipes And Fitting For Disinfection System	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	D
223	SUB-15-00009-GAZII-119-B	B	Meridur Pipes And Fitting For Disinfection System	Mechanical Material	March 27, 2016	March 27, 2016		Under Review
224	SUB-15-00009-GAZII-120-A	A	Gate Valve PN16	Mechanical Material	January 28, 2016	January 28, 2016	February 16, 2016	C
225	SUB-15-00009-GAZII-120-B	B	Gate Valve PN16	Mechanical Material	February 23, 2016	February 23, 2016	March 8, 2016	A

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226	SUB-15-00009-GAZII-121-A	A	Floor Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
227	SUB-15-00009-GAZII-121-B	B	Floor Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
228	SUB-15-00009-GAZII-122-A	A	Roof Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
229	SUB-15-00009-GAZII-122-B	B	Roof Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
230	SUB-15-00009-GAZII-123-A	A	Concrete Ready-Mix Design A1 & A3 (35MPa), B(28Mpa), D7 (14MPa) & 30 MPa- Size 20 mm	Civil Material	January 31, 2016	January 31, 2016	February 14, 2016	A
231	SUB-15-00009-GAZII-124-A	A	Bolts, Washers and Nuts for ductile iron system	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
232	SUB-15-00009-GAZII-124-B	B	Bolts, Washers and Nuts for ductile iron system	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	A
233	SUB-15-00009-GAZII-125-A	A	Alternative -lighting fixture	Electrical Material	January 31, 2016	January 31, 2016	February 7, 2016	A
234	SUB-15-00009-BER-126-A	A	Float Control Valve ( Al Berkah )	Mechanical Material	January 31, 2016	January 31, 2016	February 17, 2016	C
235	SUB-15-00009-BER-126-B	B	Float Control Valve ( Al Berkah )	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	C
236	SUB-15-00009-GAZII-127-A	A	AC Units Guard House	Mechanical Material	January 31, 2016	January 31, 2016	February 7, 2016	C
237	SUB-15-00009-GAZII-127-B	B	AC Units Guard House	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
238	SUB-15-00009-GAZII-128-A	A	Concrete Curing Method Statement	Method Statement	January 31, 2016	January 31, 2016	February 24, 2016	B
239	SUB-15-00009-GAZII-128-B	B	Concrete Curing Method Statement	Method Statement	March 10, 2016	March 10, 2016	March 21, 2016	A
240	SUB-15-00009-GAZII-129-A	A	AC Units Electrical & Control Building	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
241	SUB-15-00009-GAZII-129-B	B	AC Units Electrical & Control Building	Mechanical Material	February 24, 2016	February 24, 2016	March 3, 2016	A
242	SUB-15-00009-GAZII-130-A	A	PVC-U Pipe for Sewage	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	D
243	SUB-15-00009-GAZII-130-B	B	PVC-U Pipe for Sewage	Mechanical Material	February 24, 2016	February 24, 2016	March 2, 2016	A
244	SUB-15-00009-GAZII-131-A	A	Stainless Steel Bolts and Nuts	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
245	SUB-15-00009-GAZII-131-B	B	Stainless Steel Bolts and Nuts	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	A

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246	SUB-15-00009-BER-132-A	A	Al Berkah Site Layout Shop Drawing	Shop drawing - Civil	January 31, 2016	January 31, 2016	February 23, 2016	B
247	SUB-15-00009-BER-132-B	B	Al Berkah Site Layout Shop Drawing	Shop drawing - Civil	March 9, 2016	March 9, 2016	March 15, 2016	A
248	SUB-15-00009-MAN-133-A	A	Maan Site Layout Shop Drawing	Shop drawing - Civil	January 31, 2016	January 31, 2016	February 23, 2016	C
249	SUB-15-00009-MAN-133-B	B	Maan Site Layout Shop Drawing	Shop drawing - Civil	February 25, 2016	February 25, 2016	March 15, 2016	A
250	SUB-15-00009-GAZII-134-A	A	Guard House Electrical Shop Drawing	Shop drawing - Electrical	January 31, 2016	January 31, 2016	February 18, 2016	C
251	SUB-15-00009-GAZII-134-B	B	Guard House Electrical Shop Drawing	Shop drawing - Electrical	February 22, 2016	February 22, 2016	March 7, 2016	C
252	SUB-15-00009-GAZII-134-C	C	Guard House Electrical Shop Drawing	Shop drawing - Electrical	March 15, 2016	March 15, 2016	March 23, 2016	C
253	SUB-15-00009-GAZII-135-A	A	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	January 31, 2016	January 31, 2016		Retracked
254	SUB-15-00009-GAZII-135-A	A	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	February 11, 2016	February 11, 2016	March 3, 2016	C
255	SUB-15-00009-GAZII-135-B	B	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 22, 2016	B
256	SUB-15-00009-GAZII-136-A	A	Concrete Ready-Mix Design Class B30-Size 20mm	Civil Material	February 1, 2016	February 1, 2016	February 9, 2016	C
257	SUB-15-00009-GAZII-136-B	B	Concrete Ready-Mix Design Class B30-Size 20mm	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
258	SUB-15-00009-MAN-137-A	A	Ma'an Pipe Line Shop Drawing	Shop drawing - Mechanical	February 3, 2016	February 3, 2016	February 25, 2016	C
259	SUB-15-00009-GAZII-138-A	A	Emergency shower (disinfection building)	Mechanical Material	February 3, 2016	February 3, 2016	February 16, 2016	C
260	SUB-15-00009-GAZII-139-A	A	Flange Ductile Iron Gasket	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
261	SUB-15-00009-GAZII-139-B	B	Flange Ductile Iron Gasket	Mechanical Material	February 25, 2016	February 25, 2016	March 2, 2016	A
262	SUB-15-00009-GAZII-140-A	A	Air Supply Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
263	SUB-15-00009-GAZII-140-B	B	Air Supply Grilles	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
264	SUB-15-00009-GAZII-141 A	A	Air Exhaust Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 21, 2016	A
265	SUB-15-00009-GAZII-142-A	A	Potable Water Tank	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D

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266	SUB-15-00009-GAZII-143-A	A	PVC Sheet	Civil Material	February 3, 2016	February 3, 2016	February 23, 2016	A
267	SUB-15-00009-GAZII-144-A	A	Steel Fittings - FIP Products	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
268	SUB-15-00009-GAZII-144-B	B	Steel Fittings - FIP Products	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	B
269	SUB-15-00009-GAZII-144-C	C	Steel Fittings - FIP Products	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
270	SUB-15-00009-GAZII-145-A	A	Steel Flanges	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
271	SUB-15-00009-GAZII-145-B	B	Steel Flanges	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
272	SUB-15-00009-GAZII-146-A	A	Formwork Material (Retaining Walls and Chambers)	Civil Material & Sample	February 3, 2016	February 3, 2016	February 16, 2016	A
273	SUB-15-00009-GAZII-147-A	A	Reservoir Drain Pipe & Fitting- Alternative	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	A
274	SUB-15-00009-GAZII-148-A	A	PVC Water Stop 150 mm	Civil Material	February 4, 2016	February 4, 2016	February 8, 2016	A
275	SUB-15-00009-GAZII-149-A	A	Manhole Covers "750 mm"	Civil Material	February 7, 2016	February 7, 2016	February 25, 2016	C
276	SUB-15-00009-GAZII-149-B	B	Manhole Covers "750 mm"	Civil Material	March 20, 2016	March 20, 2016	March 22, 2016	C
277	SUB-15-00009-GAZII-150-A	A	Manhole Steps	Civil Material	February 7, 2016	February 7, 2016	February 28, 2016	C
278	SUB-15-00009-GAZII-151-A	A	Method Statement for External Isolation Material (Nitoproof 30)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
279	SUB-15-00009-GAZII-152-A	A	Method Statement for PVC Water stops Centefix 25cm & 15cm Wide)	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A
280	SUB-15-00009-GAZII-153-A	A	Method Statement for Swellable Water Stop-SW10	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A
281	SUB-15-00009-GAZII-154-A	A	Method Statement for Cementation Repair Mortar (Renderoc FC)	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A
282	SUB-15-00009-GAZII-155-A	A	Method Statement for Internal Epoxy Coating (Nitocote EP405)	Method Statement	February 7, 2016	February 7, 2016	February 16, 2016	C
283	SUB-15-00009-GAZII-155-B	B	Method Statement for Internal Epoxy Coating	Method Statement	March 15, 2016	March 15, 2016	March 17, 2016	C
284	SUB-15-00009-GAZII-155-C	C	Method Statement for Internal Epoxy Coating	Method Statement	March 20, 2016	March 20, 2016	March 21, 2016	A

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285	SUB-15-00009-GAZII-156-A	A	Method Statement for Non-Shrink Cementitious Grout for Tie Rods (Conbextra HF)	Method Statement	February 7, 2016	February 7, 2016	February 14, 2016	A
286	SUB-15-00009-GAZII-157-A	A	Method Statement for Rapid Setting Cement- Based Water Stopping Mortar (Rendroc Plug)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	C
287	SUB-15-00009-GAZII-157-B	B	Method Statement for Rapid Setting Cement- Based Water Stopping Mortar (Rendroc Plug)	Method Statement	March 20, 2016	March 20, 2016	March 21, 2016	A
288	SUB-15-00009-GAZII-158-A	A	Method Statement for External Coating (Dekguard FC+Nitocote SN522)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	E
289	SUB-15-00009-GAZII-159-A	A	Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	B
290	SUB-15-00009-GAZII-159-B	B	Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)	Method Statement	March 15, 2016	March 15, 2016	March 21, 2016	A
291	SUB-15-00009-GAZII-160-A	A	Concrete Repair Method Statement (Renderoc FC, Nitobond SBR 201, Renderoc HS Xtra, Nitobond AR and Conbextra HF)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
292	SUB-15-00009-GAZII-161-A	A	Method Statement for Crack Injection (Wet or Damp Conditions)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
293	SUB-15-00009-GAZII-162-A	A	LDPE Tube for Disinfection Building	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
294	SUB-15-00009-GAZII-163-A	A	Emergency Shower (Disinfection Building) - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	March 1, 2016	C
295	SUB-15-00009-GAZII-164-A	A	Chlorine Basket Strainer- (Disinfection Building)	Mechanical Material	February 9, 2016	February 9, 2016	February 23, 2016	C
296	SUB-15-00009-GAZII-164-B	B	Chlorine Basket Strainer- (Disinfection Building)	Mechanical Material	February 25, 2016	February 25, 2016	March 1, 2016	A
297	SUB-15-00009-GAZII-165-A	A	Chlorine Multifunctional Valve- (Disinfection Building)	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	C
298	SUB-15-00009-GAZII-166-A	A	Chemical Storage Tank - Alternative	Mechanical Material	February 9, 2016	February 9, 2016		Retracked
299	SUB-15-00009-GAZII-166-A	A	Chemical Storage Tank - Alternative	Mechanical Material	February 14, 2016	February 14, 2016	February 23, 2016	C
300	SUB-15-00009-GAZII-167-A	A	PAM Air Valves - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
301	SUB-15-00009-GAZII-167-B	B	PAM Air Valves - Alternative	Mechanical Material	March 3, 2016	March 3, 2016	March 8, 2016	E

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302	SUB-15-00009-GAZII-168-A	A	Galvanized Steel Roof Vent	Mechanical Material	February 9, 2016	February 9, 2016	February 17, 2016	<b>D</b>
303	SUB-15-00009-GAZII-168-B	B	Galvanized Steel Roof Vent	Mechanical Material	March 24, 2016	March 24, 2016		<b>Under Review</b>
304	SUB-15-00009-GAZII-169-A	A	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	February 11, 2016	February 11, 2016	March 7, 2016	<b>C</b>
305	SUB-15-00009-GAZII-169-B	B	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	March 28, 2016	March 28, 2016		<b>Under Review</b>
306	SUB-15-00009-MAN-170-A	A	Float Control Valve (Maan)	Mechanical Material	February 11, 2016	February 11, 2016	February 17, 2016	<b>C</b>
307	SUB-15-00009-MAN-170-B	B	Float Control Valve (Maan)	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	<b>C</b>
308	SUB-15-00009-GAZII-171-A	A	BILCO Access Hatches	Civil Material	February 14, 2016	February 14, 2016	March 3, 2016	<b>C</b>
309	SUB-15-00009-GAZII-172-A	A	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	<b>C</b>
310	SUB-15-00009-GAZII-172-B	B	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	<b>C</b>
311	SUB-15-00009-GAZII-172-C	C	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	<b>A</b>
312	SUB-15-00009-GAZII-173-A	A	Warning Tape-Water Pipelines	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	<b>C</b>
313	SUB-15-00009-GAZII-174-A	A	Filter Fabric (Geotextile)	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	<b>A</b>
314	SUB-15-00009-BER-175-A	A	Al Berkah Excavation Plan- Shop Drawing	Shop drawing - Civil	February 21, 2016	February 21, 2016	March 21, 2016	<b>C</b>
315	SUB-15-00009-GAZII-176-A	A	Ready Mix Concrete B300- CCQC Lab	Civil Material	February 22, 2016	February 22, 2016	March 1, 2016	<b>C</b>
316	SUB-15-00009-GAZII-176-B	B	Ready Mix Concrete B300- CCQC Lab	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	<b>E</b>
317	SUB-15-00009-GAZII-177-A	A	Confined Space Safety Plan	Construction	February 22, 2016	February 22, 2016	March 3, 2016	<b>A</b>
318	SUB-15-00009-GAZII-178-A	A	Steel Fence & Posts	Civil Material	February 23, 2016	February 23, 2016	March 13, 2016	<b>C</b>
319	SUB-15-00009-GAZII-178-B	B	Steel Fence & Posts	Civil Material	March 21, 2016	March 20, 2016	March 23, 2016	<b>A</b>

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320	SUB-15-00009-GAZII-179-A	A	BOOSTER PUMP CONTROL VALVE	Mechanical Material	February 23, 2016	February 23, 2016	March 21, 2016	<b>D</b>
321	SUB-15-00009-GAZII-180-A	A	Pressure Level Transmitters – Alternative	Mechanical Material	February 23, 2016	February 23, 2016	March 7, 2016	<b>B</b>
322	SUB-15-00009-GAZII-180-B	B	Pressure Level Transmitters – Alternative	Mechanical Material	March 27, 2016	March 27, 2016		<b>Under Review</b>
323	SUB-15-00009-GAZII-181-A	A	Excavation & Trenching Safety Plan	Construction	February 24, 2016	February 24, 2016	March 1, 2016	<b>A</b>
324	SUB-15-00009-GAZII-182-A	A	Material and Method Statement for Expandable Water Stop Supercast SW30	Method Statement	February 25, 2016	February 25, 2016	February 28, 2016	<b>A</b>
325	SUB-15-00009-GAZII-183-A	A	Pressure Switch- Mechanical	Mechanical Material	February 25, 2016	February 25, 2016	March 7, 2016	<b>C</b>
326	SUB-15-00009-GAZII-183-B	B	Pressure Switch- Mechanical	Mechanical Material	March 9, 2016	March 9, 2016	March 21, 2016	<b>C</b>
327	SUB-15-00009-GAZII-184-A	A	Pad Transformer- 400KVA	Electrical Material	February 28, 2016	February 28, 2016	March 21, 2016	<b>C</b>
328	SUB-15-00009-GAZII-185-A	A	VFD Components -Schneider	Electrical Material	February 28, 2016	February 28, 2016	March 15, 2016	<b>C</b>
329	SUB-15-00009-GAZII-185-B	B	VFD Components -Schneider	Electrical Material	March 28, 2016	March 28, 2016		<b>Under Review</b>
330	SUB-15-00009-MAN-186-A	A	Method Statement (Lowering Existing Pipes -MA'AN Project)	Construction	February 28, 2016	February 28, 2016	March 21, 2016	<b>C</b>
331	SUB-15-00009-MAN-186-B	B	Method Statement (Lowering Existing Pipes -MA'AN Project)	Construction	March 22, 2016	March 22, 2016	March 24, 2016	<b>A</b>
332	SUB-15-00009-MAN-187-A	A	Pressure Reducing Valve	Mechanical Material	February 29, 2016	February 29, 2016	March 21, 2016	<b>C</b>
333	SUB-15-00009-MAN-188-A	A	Maan Excavation Plan Shop Drawing	Shop drawing - Civil	March 1, 2016	March 1, 2016	March 21, 2016	<b>B</b>
334	SUB-15-00009-BER-189-A	A	Method Statement (Existing Guard Room Protection- Al Berkah)	Construction	March 1, 2016	March 1, 2016	March 21, 2016	<b>C</b>
335	SUB-15-00009-GAZII-190-A	A	Side Manway Material Submittal	Mechanical Material	March 1, 2016	March 1, 2016	March 8, 2016	<b>A</b>
336	SUB-15-00009-BER-191-A	A	Al Berkah Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	<b>C</b>
337	SUB-15-00009-MAN-192-A	A	Maan Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	<b>C</b>

A = No Exceptions Noted

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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
338	SUB-15-00009-MAN-193-A	A	Ma'an Architectural & Structural Retaining Walls Shop Drawing	Shop drawing - Civil	March 2, 2016	March 2, 2016	March 21, 2016	C
339	SUB-15-00009-MAN-193-B	B	Ma'an Architectural & Structural Retaining Walls Shop Drawing	Shop drawing - Civil	March 27, 2016	March 27, 2016		Under Review
340	SUB-15-00009-GAZII-194-A	A	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Civil Material	March 3, 2016	March 3, 2016	March 22, 2016	C
341	SUB-15-00009-GAZII-195-A	A	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR	Civil Material	March 3, 2016	March 3, 2016	March 22, 2016	B
342	SUB-15-00009-GAZII-196-A	A	Sesmic Cans	Civil Material	March 6, 2016	March 6, 2016	March 21, 2016	A
343	SUB-15-00009-GAZII-197-A	A	Disinfection Building-Electrical Shop Drawing	Electrical Material	March 9, 2016	March 9, 2016	March 21, 2016	C
344	SUB-15-00009-GAZII-197-B	B	Disinfection Building-Electrical Shop Drawing	Electrical Material	March 28, 2016	March 28, 2016		Under Review
345	SUB-15-00009-GAZII-198-A	A	Steel Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
346	SUB-15-00009-GAZII-199-A	A	Flange Insulation Kit (SGM)	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	E
347	SUB-15-00009-GAZII-200-A	A	Link Seal	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
348	SUB-15-00009-GAZII-201-A	A	Wash-Out Chamber Shop Drawing - Mechanical	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 21, 2016	C
349	SUB-15-00009-GAZII-201-B	B	Wash-Out Chamber Shop Drawing - Mechanical	Shop drawing - Mechanical	March 28, 2016	March 28, 2016		Under Review
350	SUB-15-00009-GAZII-202-A	A	Gate valve chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 22, 2016	C
351	SUB-15-00009-GAZII-202-B	B	Gate valve chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 24, 2016	March 24, 2016		Under Review
352	SUB-15-00009-GAZII-203-A	A	BFV chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 15, 2016	March 15, 2016	March 21, 2016	C
353	SUB-15-00009-GAZII-203-B	B	BFV chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 28, 2016	March 28, 2016		Under Review
354	SUB-15-00009-GAZII-204-A	A	Formwork Materials (Retaining Wall & Chambers) - Samples	Civil Material & Sample	March 16, 2016	March 16, 2016	March 22, 2016	C
355	SUB-15-00009-GAZII-204-B	B	Formwork Materials (Retaining Wall & Chambers) - Samples	Civil Material & Sample	March 24, 2016	March 24, 2016		Under Review

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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
356	SUB-15-00009-GAZII-205-A	A	Sealant for Expansion Joint (Reservoir & Retaining Wall)	Civil Material	March 16, 2016	March 16, 2016	March 21, 2016	B
357	SUB-15-00009-GAZII-205-B	B	Sealant for Expansion Joint (Reservoir & Retaining Wall)	Civil Material	March 24, 2016	March 24, 2016		Under Review
358	SUB-15-00009-GAZII-206-A	A	Electrical & Control Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	March 17, 2016	March 17, 2016	March 31, 2016	C
359	SUB-15-00009-GAZII-207-A	A	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	March 17, 2016	March 17, 2016		Under Review
360	SUB-15-00009-BER-208-A	A	Al Berkah Electrical & Control Room – electrical shop drawing	Shop drawing - Mechanical	March 20, 2016	March 20, 2016	March 30, 2016	C
361	SUB-15-00009-MAN-209-A	A	Ma'an electrical & Control Room – electrical shop drawing	Shop drawing - Mechanical	March 20, 2016	March 20, 2016	March 31, 2016	C
362	SUB-15-00009-BER-210-A	A	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	March 20, 2016	March 20, 2016		Under Review
363	SUB-15-00009-MAN-211-A	A	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	March 20, 2016	March 20, 2016		Under Review
364	SUB-15-00009-GAZII-212-A	A	Cast iron drainage system	Mechanical Material	March 24, 2016	March 24, 2016	March 31, 2016	A
365	SUB-15-00009-GAZII-213-A	A	VFD for Booster Pump - Electrical shop drawing	Shop drawing - Electrical	March 28, 2016	March 28, 2016		Under Review
366	SUB-15-00009-GAZII-214-A	A	PLC System - Electrical	Electrical Material	March 29, 2016	March 29, 2016		Under Review
367	SUB-15-00009-GAZII-215-A	A	Reservoir panel (LALL-211, LCP)	Electrical Material	March 30, 2016	March 30, 2016		Under Review
368	SUB-15-00009-GAZII-216-A	A	Reservoirs Panel (LCP)- ELECTRICAL SHOPDRAWING	Shop drawing - Electrical	March 30, 2016	March 30, 2016		Under Review
369	SUB-15-00009-GAZII-217-A	A	Premium Accuracy Pressure Transmitter	Mechanical & Electrical Material	March 31, 2016	March 31, 2016		Under Review
370	SUB-15-00009-GAZII-218-A	A	Electromagnetic Flow Meter – Alternative	Mechanical & Electrical Material	March 31, 2016	March 31, 2016		Under Review

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# **Annex H – QC Submittals Log**

**USAID WEST BANK/GAZA**

**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**Construction Of Gaza Reservoirs and Pumping Facilities**  
**Contract No. : AID-294-I-00-12-00002**  
**Task Order No. : AID-294-TO-15-00009**


**QC SUBMITTALS LOG**

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
1	TEST-15-00009-BER-001-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Test	February 25, 2016	February 25, 2016	March 7, 2016	C	Failed	Remove from Site
3	TEST-15-00009-BER-002-A	A	Steel Rebar's Test Reports (Φ16 & Φ20)	Test	February 28, 2016	February 28, 2016	March 7, 2016	A	Passed	-
4	TEST-15-00009-MAN-003-A	A	Steel Rebar's Test Reports (Φ16 & Φ20)	Test	February 28, 2016	February 28, 2016	March 7, 2016	A	Passed	-
5	TEST-15-00009-GAZII-004-A	A	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	Test	March 10, 2016	March 10, 2016	March 16, 2016	C	with comment	Waiting Lab Recommendation
6	TEST-15-00009-GAZII-004-B	B	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	Test	March 20, 2016	March 20, 2016	March 22, 2016	A	Passed	-
7	TEST-15-00009-MAN-005-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Test	March 15, 2016	March 15, 2016	March 22, 2016	C	with comment	Waiting Lab Recommendation
8	TEST-15-00009-MAN-005-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Test	March 29, 2016	March 29, 2016		Under Review		
2	TEST-15-00009-BER-006-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Test	March 17, 2016	March 17, 2016	March 21, 2016	C	Failed	Retest
9	TEST-15-00009-BER-006-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Test	March 29, 2016	March 29, 2016		Under Review		
10	TEST-15-00009-BER-007-A	A	Soil classification report under reservoir formation	Test	March 30, 2016	March 30, 2016		Under Review		

# **Annex I - Request for Information Log**



REQUEST FOR INFORMATION LOG									
No.	RFI No.	Project	REF.	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Response
1	RFI-15-00009-GAZII.C-E.001	GAZII	Program Standard Design M-GR 41 & M-GR 42 Program Standard Details M-DT02 & S-DT05 Al Berkah design drawings (G-107 ) Ma'an design drawings (G-107 )	Long delivery period for 160mm UPVC pipes (PN16) – Request to supply and install the reservoir drain (washout pipe) to UPVC pipes from the local Plassim manufacturers in either PN 12.5 UPVC with socket and Rubber Gasket joints (Meriam) or in PN16 pipes with solvent cement joints (Meriduire).	December 7, 2015	January 6, 2016	December 27, 2015	20	Accepted with VOR
2	RFI-15-00009-GAZII.C-E.002	GAZII	RFTOP-Section C, Description/Specifications/ Statement of Work	Substitution New Jersey Barriers with Steel Mini Guard	December 23, 2015	January 22, 2016	December 27, 2015	4	To resubmit
3	RFI-15-00009-GAZII.C-E.003	GAZII	Program Standard Design Drawing No. M-GR43 Program Standard Design Drawing No. S-GR41 Program Standard Details Drawing No. S-DT06 Program Standard Details Drawing No. S-DT02	Perforated Pipes arrangement under Reservoir's Foundation at Al Berkah & Ma'an Reservoirs	December 23, 2015	January 22, 2016	January 13, 2016	21	No Change is required
4	RFI-15-00009-GAZII.C-E.004	GAZII	Program Standard Specifications section 16050	Rigid PVC conduit - Schedule 40. at Al Berkah & Ma'an Reservoirs	January 21, 2016	February 20, 2016	January 31, 2016	10	Accepted with VOR
5	RFI-15-00009-GAZII.C-E.005	GAZII	Program Standard Design Drawing No. E-501	GFCI (Ground Fault Circuit Interrupter) Receptacles at Al Berkah & Ma'an Reservoirs	January 21, 2016	February 20, 2016	February 3, 2016	13	Accepted with VOR (Zero time/Cost Impact)
6	RFI-15-00009-GAZII.C-E.006	GAZII	RFTOP-Section C, Description/Specifications/ Statement of Work	Substitution New Jersey Barriers with Steel Mini Guard – Supplementary Information	January 26, 2016	February 25, 2016	February 8, 2016	13	Accepted with VOR (Zero time/Cost Impact)
7	RFI-15-00009-MAN.C-E.007	MAN	Ma'an design drawings (S-RW01 & S-RW02)	Construction of Retaining Wall -Ma'an	January 28, 2016	February 27, 2016	February 25, 2016	28	Accepted with VOR
8	RFI-15-00009-GAZII.C-E.008	GAZII	B.O.Q item no. 2.3.6, 4.3.6, 5.3.6,	CMU Veneer Walls	February 7, 2016	March 8, 2016	February 23, 2016	16	To provide cost/technical comparison
9	RFI-15-00009-GAZII.C-E.009	GAZII	General Program standard Designs S-GR41 & M-GR41 Program standard Details M-DT07	Manway Requirement	February 7, 2016	March 8, 2016	February 16, 2016	9	required as part of the Contractor
10	RFI-15-00009-GAZII.C-E.010	GAZII	General Program standard Designs S-GR41 & M-GR41 Program standard Details M-DT07	Access Manway	February 21, 2016	March 22, 2016	February 24, 2016	3	required as part of the Contractor
11	RFI-15-00009-GAZII.C-E.011	GAZII	Bill of Quantity Item 2.1,3,4.1 , Specification: 02630	PVC Pipes and Fittings Spare Quantities	February 21, 2016	March 22, 2016	February 29, 2016	8	Accepted with VOR
12	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 3, 2016	April 2, 2016	March 6, 2016	3	Retracked
13	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 6, 2016	April 5, 2016	March 7, 2016	1	Accepted
14	RFI-15-00009-GAZII.C-E.013	GAZII	Standard Specifications Section 13562 Paragraph 2-2.02.01 & 2-2.02.02	Flowmeters construction material	March 29, 2016	April 28, 2016			under review

## **Annex J – Geo - MIS Data**

**USAID WEST BANK/ GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
CONTRACT NO. : AID-294-I-00-12-00002  
TASK ORDER NO. : AID-294-TO-15-00009  
PROJECT 1 : GAZII (Al-Berkah)  
TEMPORARY JOB DAYS REPORT**

**Gaza - Construction of Reservoirs and Pumping Facilities Package II**  
**From** March 1, 2016 **To** March 31, 2016

Contractor :The Morganti Group, Inc.  
Sub-Contractor : Saqqa & Khoudary Co. Ltd.

DATE	Site Staff Job Days **																											
	Worker/Classification (Hours)																				Man-days*					Gender		
	Management				Engineers							Skilled labor			Unskilled labor		Other					Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
	Task Order Manager	Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Site Engineer	Project Control Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer	Office Engineer (F)	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Safety Helper	Surveyor	Car Driver	Office Boy	Guard							
March 1, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 2, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 3, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 4, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
March 5, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 6, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 7, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 8, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 9, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 10, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
March 11, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
March 12, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	20	0	9	5	20	36	2.1	5.6	1.3	2.5	8.8	19.1	1.1
March 13, 2016	4	5	4	0	0	10	4	4	4	4	9	0	10	0	0	20	0	9	5	20	36	1.6	4.4	1.3	2.5	8.8	17.4	1.1
March 14, 2016	4	5	4	0	0	10	4	4	4	4	9	0	10	0	0	20	10	9	5	20	36	1.6	4.4	1.3	2.5	10.0	18.6	1.1
March 15, 2016	4	5	4	0	0	10	4	4	4	4	9	0	10	0	0	20	10	9	5	20	36	1.6	4.4	1.3	2.5	10.0	18.6	1.1
March 16, 2016	4	5	4	0	0	10	4	4	4	4	9	0	10	0	0	20	10	9	5	20	36	1.6	4.4	1.3	2.5	10.0	18.6	1.1
March 17, 2016	4	5	4	0	0	10	4	4	4	4	9	0	10	0	0	20	10	9	5	20	36	1.6	4.4	1.3	2.5	10.0	18.6	1.1
March 18, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
March 19, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	10	10	9	5	20	36	2.1	5.6	1.3	1.3	10.0	19.1	1.1
March 20, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	10	0	9	5	20	36	2.1	5.6	0.0	1.3	8.8	16.6	1.1
March 21, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	10	0	9	5	20	36	2.1	5.6	0.0	1.3	8.8	16.6	1.1
March 22, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	10	0	9	5	20	36	2.1	5.6	1.3	1.3	8.8	17.9	1.1
March 23, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	30	0	9	5	20	36	2.1	5.6	2.5	3.8	8.8	21.6	1.1
March 24, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	20	0	9	5	20	36	2.1	5.6	2.5	2.5	8.8	20.4	1.1
March 25, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
March 26, 2016	4	5	4	4	10	0	4	4	4	4	9	0	0	0	0	0	0	9	5	20	36	2.1	4.4	0.0	0.0	8.8	14.1	1.1
March 27, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	10	0	9	5	20	36	2.1	5.6	0.0	1.3	8.8	16.6	1.1
March 28, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	8	8	10	0	9	5	20	36	2.1	5.6	1.0	2.3	8.8	18.6	1.1
March 29, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	3	3	0	0	9	5	20	36	2.1	5.6	0.4	0.4	8.8	16.1	1.1
March 30, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	0	0	9	5	20	36	2.1	5.6	2.5	0.0	8.8	17.9	1.1
March 31, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	3	0	10	0	9	5	20	36	2.1	5.6	1.6	1.3	8.8	18.3	1.1
<b>Total of Month</b>	<b>108.0</b>	<b>135.0</b>	<b>108.0</b>	<b>88.0</b>	<b>220.0</b>	<b>260.0</b>	<b>108.0</b>	<b>108.0</b>	<b>108.0</b>	<b>108.0</b>	<b>243.0</b>	<b>0.0</b>	<b>240.0</b>	<b>14.0</b>	<b>11.0</b>	<b>240.0</b>	<b>50.0</b>	<b>243.0</b>	<b>135.0</b>	<b>540.0</b>	<b>1068.0</b>	<b>54.9</b>	<b>144.4</b>	<b>31.8</b>	<b>31.4</b>	<b>254.5</b>	<b>486.5</b>	<b>30.4</b>

\* Total Man-days = Total Hours / 8

\*\* This data collection sheet is for Local (CCN) staff only, expatriate and third country national employee shall not be included.

**USAID WEST BANK/ GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
CONTRACT NO. : AID-294-I-00-12-00002  
TASK ORDER NO. : AID-294-TO-15-00009  
PROJECT 2 : GAZII (Ma'an)  
TEMPORARY JOB DAYS REPORT**

Gaza - Construction of Reservoirs and Pumping Facilities Package II  
Period From March 1, 2016 To March 31, 2016

Contractor :The Morganti Group, Inc.  
Sub-Contractor : Saqqa & Khoudary Co. Ltd.

DATE	Site Staff Job Days **																											
	Worker/Classification (Hours)																				Man-days*					Gender		
	Management				Engineers							Skilled labor			Unskilled labor		Other					Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
	Task Order Manager	Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Site Engineer	Project Engineer	Project Control Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer	Office Engineer (F)	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Safety Helper	Surveyor	Car Driver	Office Boy	Guard							
March 1, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 2, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 3, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 4, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
March 5, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 6, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 7, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 8, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 9, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 10, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 11, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
March 12, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 13, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 14, 2016	4	5	4	0	0	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	1.6	4.4	0.0	0.0	6.0	10.9	1.1
March 15, 2016	4	5	4	0	0	10	4	4	4	4	9	0	0	0	0	20	0	9	5	10	24	1.6	4.4	0.0	2.5	6.0	13.4	1.1
March 16, 2016	4	5	4	0	0	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	1.6	4.4	0.0	0.0	6.0	10.9	1.1
March 17, 2016	4	5	4	0	0	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	1.6	4.4	0.0	0.0	6.0	10.9	1.1
March 18, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
March 19, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	5.6	0.0	0.0	6.0	12.6	1.1
March 20, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	50	10	9	5	10	24	2.1	5.6	2.5	6.3	7.3	22.6	1.1
March 21, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	5.6	0.0	0.0	7.3	13.9	1.1
March 22, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	20	10	9	5	10	24	2.1	5.6	0.0	2.5	7.3	16.4	1.1
March 23, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	20	10	9	5	10	24	2.1	5.6	0.0	2.5	7.3	16.4	1.1
March 24, 2016	4	5	4	4	0	10	4	4	4	4	9	0	20	0	0	20	10	9	5	10	24	2.1	4.4	2.5	2.5	7.3	17.6	1.1
March 25, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
March 26, 2016	4	5	4	4	0	10	4	4	4	4	9	0	20	10	10	30	10	9	5	10	24	2.1	4.4	3.8	5.0	7.3	21.4	1.1
March 27, 2016	4	5	4	4	0	10	4	4	4	4	9	0	10	8	24	10	10	9	5	10	24	2.1	4.4	2.3	4.3	7.3	19.1	1.1
March 28, 2016	4	5	4	4	0	10	4	4	4	4	9	0	20	6	18	30	10	9	5	10	24	2.1	4.4	3.3	6.0	7.3	21.9	1.1
March 29, 2016	4	5	4	4	0	10	4	4	4	4	9	0	20	6	6	10	10	9	5	10	24	2.1	4.4	3.3	2.0	7.3	17.9	1.1
March 30, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	0	10	9	5	10	24	2.1	4.4	0.0	0.0	7.3	12.6	1.1
March 31, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	21	0	10	10	9	5	10	24	2.1	4.4	2.6	1.3	7.3	16.5	1.1
<b>Total of Month</b>	<b>108.0</b>	<b>135.0</b>	<b>108.0</b>	<b>92.0</b>	<b>50.0</b>	<b>270.0</b>	<b>108.0</b>	<b>108.0</b>	<b>108.0</b>	<b>108.0</b>	<b>243.0</b>	<b>0.0</b>	<b>110.0</b>	<b>51.0</b>	<b>58.0</b>	<b>220.0</b>	<b>220.0</b>	<b>243.0</b>	<b>135.0</b>	<b>270.0</b>	<b>696.0</b>	<b>55.4</b>	<b>124.4</b>	<b>20.1</b>	<b>34.8</b>	<b>195.5</b>	<b>399.8</b>	<b>30.4</b>

\* Total Man-days = Total Hours / 8

\*\* This data collection sheet is for Local (CCN) staff only, expatriate and third country national employee shall not be included.

USAID WEST BANK/ GAZA  
 INFRASTRUCTURE NEEDS PROGRAM INPII  
 CONTRACT NO.: AID-294-I-00-12-00002  
 TASK ORDER NO.: AID-294-TO-15-00009  
 PROJECT 1: GAZII (Al Berkah)

**Temporary Job Days Summary Report**

Task Order Name: GAZII - Construction of Reservoirs and Pumping Facilities Package II

PERIOD FROM: October 26, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: February 29, 2016

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	0.0	25.0	0.0	0.0	2.5	27.5	1.2	25.0	2.5	
November	2015	0.0	132.8	0.0	0.0	14.0	146.8	6.2	133.8	13.0	
December	2015	35.8	120.5	77.4	79.5	22.8	335.9	14.1	320.4	15.5	
January	2016	53.3	114.3	58.9	77.3	213.6	517.3	21.7	490.1	27.3	
February	2016	52.6	120.6	14.3	38.0	224.3	449.8	18.9	421.6	28.1	
March	2016	54.9	144.4	31.8	31.4	254.5	516.9	21.7	486.5	30.4	
April	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		196.5	657.5	182.4	226.1	731.6	1994.1	83.8	1877.4	116.8	
October	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
November	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
December	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
January	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
February	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
March	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
April	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2017		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Grand Total of FY 2016 & 2017		196.5	657.5	182.4	226.1	731.6	1994.1	83.8	1877.4	116.8	

Note :

\* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

\*\* This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.

USAID WEST BANK/ GAZA  
 INFRASTRUCTURE NEEDS PROGRAM INPII  
 CONTRACT NO.: AID-294-I-00-12-00002  
 TASK ORDER NO.: AID-294-TO-15-00009  
 PROJECT 2: GAZII (Ma'an)

**Temporary Job Days Summary Report**

Task Order Name: GAZII - Construction of Reservoirs and Pumping Facilities Package II

PERIOD FROM: October 26, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: February 29, 2016

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	0.0	25.0	0.0	0.0	2.5	27.5	1.2	25.0	2.5	
November	2015	0.0	132.8	0.0	0.0	14.0	146.8	6.2	133.8	13.0	
December	2015	35.8	111.5	4.4	4.9	10.3	166.8	7.0	151.3	15.5	
January	2016	54.0	134.4	82.5	92.6	160.6	524.1	22.0	496.9	27.3	
February	2016	52.6	129.4	21.3	82.6	170.8	456.6	19.2	428.5	28.1	
March	2016	55.4	124.4	20.1	34.8	195.5	430.1	18.1	399.8	30.4	
April	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		197.8	657.4	128.3	214.9	553.6	1751.9	73.6	1635.2	116.8	
October	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
November	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
December	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
January	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
February	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
March	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
April	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2017		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Grand Total of FY 2016 & 2017		197.8	657.4	128.3	214.9	553.6	1751.9	73.6	1635.2	116.8	

Note :

\* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

\*\* This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.

# **Annex K – Risk Register Log**

PROBABILITY CATEGORIES			
Description		Prob.	Scale Value
H	Probable	>70%	3
M	Could happen	30-70%	2
L	Improbable	<30%	1

IMPACT CATEGORIES			
Description		Guide Scenario	Scale Value
H	Critical	Impact that involves significant delay, rework, modification or reassessment	3
M	Serious	Impact or setback that causes delay, additional work and reassessment but containable	2
L	Marginal	Impact has some effect causing rework or reassessment but easily handled	1

		PROBABILITY			
		Low/ Improbable	Medium/ Could happen	High/ Probable	
		1	2	3	
IMPACT	High/ Critical	3	3	6	9
	Medium/ Serious	2	2	4	6
	Low/ Marginal	1	1	2	3

	Key/ Critical Risk - Closely monitor, manage & develop fallback plan
	Intermediate Risks- monitor and manage to mitigate
	Minor Risk

<b>Risk Event</b>	What is it that you are working to avoid or reduce the likelihood or impact of occurring? Risk are future events that could interfere with achievement of objectives
<b>Risk Cause</b>	What are the triggers, sources or circumstances that could act alone or together to increase the likelihood of the Risk Event occurring? There are usually multiple causes leading to Risk Event
<b>Risk Impact</b>	If this Risk Event did occur, how would it impact objectives? What are the longer -term or cumulative consequences?
<b>Risk Owner</b>	Who will take the lead on this mitigation?

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING &	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/CORNER	RAISED BY	DATE RAISED	PROBABILITY	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Mobilization	Delay in delivery of field office equipment. difficulties in finding land for storage yard in Ma'an & office in Al Berkah	Long lead equipment/IT devices not available in country. Limitation of available land in Ma'an and building in Al Berkah	L	TMGI		3	1	3	slightly	Mobilization delay	Mitigated	Provides temporary items. Extra efforts to find storage yard and offices	Morganti	Closed	
2	Design															
3	Construction	Delay in project time schedule	Delay in deliver concrete additives and plywood boards	H	TMGI		3	3	9	High Cost Impact	Possible delay in start & finish of construction	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	
4	Owner								0							
5	USAID								0							
6	Contractor								0							
7	External Factors								0							
8	Procurements	Delay of material delivery.	long lead materials are not available in the country. Closure for borders Gramms system impedes the delivery	H	TMGI		3	3	9	High Cost Impact	Delay on Work Progress	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	
9	Skills	Arrival of expertise form out side country	Restrictions of traveling and movement form & to Gaza strip	M	TMGI		2	3	6	Minor	Delay on Work Progress & Work Quality	To be mitigated	Intensive coordination with Related Authorities	TMGI	Studying cases	
10	Resources	Shortage of materials	Closure of border & Siege	M	TMGI		2	3	6	Unknown	Work delay	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	